

On the other hand, it is desirable that similar explorations by kites be carried on in very many portions of the North American continent, and we take great pleasure in stating that not only is such work now being done at Blue Hill Observatory, but also by Messrs. Hammon and McAdie at San Francisco, and Mr. Coe, voluntary observer at Kipp, Teton Co., Mont. (W. $112^{\circ} 30'$, N. $48^{\circ} 40'$).

We hope soon to be able to lay before our readers a full account of the work done by these gentlemen and that many others profiting by the published results of Professor Marvin's work will construct for themselves cellular kites and determine the altitudes of the clouds and the directions of the upper winds, even if they can not get continuous records of temperature and pressure.

To those who prefer the use of the balloon for atmospheric exploration we can recommend the ordinary toy balloon of the larger size. These can be purchased by the gross of the wholesale dealers in New York City at about two cents apiece. Larger ones made of paper, up to twelve feet in diameter, can also be made. The homemade, hot air balloon, constructed by pasting together a few sheets of tissue paper

and filling with hot air from coal oil burning on a saturated sponge, will ascend to considerable heights and give an accurate idea of the motion of the lower currents of air.

To those who do not readily take to the construction of mechanical devices the most minute observation of the motions and changes going on in the clouds themselves offers a fascinating field of study. Those observers who live on mountains and in the plateau regions should be especially on the lookout for what are called phosphorescent clouds which, in Europe, appear to be seen mostly in the summer time, late at night, in the northern sky. If two or three neighboring observers would agree to observe the apparent angular altitude of cirrus and other high clouds, especially those of peculiar forms, they would thus accumulate the material for calculating the altitude in miles and the true velocity of such clouds and add an important item to our scanty knowledge of this subject.

Observers on mountain tops have opportunity for making many valuable studies of the surrounding air, and we hope that those who are thus favored will communicate through our columns the result of their work to others.

METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

For text descriptive of these tables and charts see p. 16.

REV—3

TABLE I.—Climatological data for Weather Bureau Stations, June, 1896.

Table with multiple columns: Stations, Elevation above sea-level, Length of record, Pressure in inches, Temperature of the air in degrees Fahrenheit, Humidity and precipitation, Wind, Monthly temperature data since opening station. Rows include stations like Eastport, Portland, Me., Boston, New York, Philadelphia, Baltimore, Washington, etc.

TABLE II.—Meteorological record of voluntary and other cooperating observers, May, 1896.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: Alabama, Arizona-Cont'd, and California-Cont'd. Each section lists various locations and their corresponding weather data for the month of May 1896.

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>						<i>Colorado—Cont'd.</i>						<i>Florida—Cont'd.</i>					
San Jacinto†	111	46	75.0	0.00		Longmont†	98	42	69.2	1.69		Plant City†	98	67	80.6	16.44	
San Jose†	94	38	62.5	0.00		Longs Peak	85	29	54.7	0.65		Quincy†	97	63	79.5	13.02	
San Leandro* ¹	84	58	63.1	0.00		Loveland	97	25	62.2	0.16		St. Francis†	96	59	79.1	6.74	
San Luis L. H.	87	55	70.0	0.00		Meeker†	88	30	59.6	0.19		St. Francis Barracks	92	65	78.0	6.38	
San Mateo* ²	102	53	75.5	0.00		Millbrook†	105	42	75.2	1.39		Tallahassee†	94	54	77.1	10.17	
San Miguel* ³	81	46	59.6	0.00		Minneapolis†	100	51	74.9	0.18		Tarpon Springs†	89	66	79.0	8.97	
San Miguel Island†	99	67	78.3	0.00		Montrose	81	29	56.6	0.49		<i>Georgia.</i>					
Santa Ana* ⁴	89	47	64.3	0.05		Moraine†	93	40	69.6	0.00		Adairsvillet	97	52	75.4	1.33	
Santa Barbara	90	48	61.3	0.00		Ouray†	95	25	61.8	0.30		Alapaha	102	57	80.3	3.10	
Santa Barbara L. H.	90	41	60.6	T.		Pagoda†	102	41	71.4	0.70		Albany†	104	59	82.1	1.85	
Santa Clara* ⁵	90	41	60.6	T.		Paonia†	86	34	61.0	0.70		Allentown†	101	61	81.6	2.76	
Santa Cruz	95	48	64.4	0.00		Parachute†	85	32	55.8	0.59		Americus†	100	58	81.5	2.64	
Santa Cruz L. H.	95	48	64.4	0.00		Redcliff	104	40	73.3	0.60		Athens†	97	57	77.2	3.93	
Santa Maria	93	61	73.2	0.00		Riverbend* ⁶	101	41	73.2	0.47		Bainbridge	101	60	81.8	6.53	
Santa Monica* ⁷	96	54	71.8	0.00		Ruby†	89	42	61.8	T.		Blakely* ⁷	98	63	77.2	1.91	
Santa Rosa* ⁸	92	36	65.0	0.00		Saguache†	96	26	62.2	0.26		Brag†	101	55	76.1	6.58	
Saticoy†	99	48	70.3	0.00		St. Cloud†	96	26	62.2	0.26		Bruswick†	93	62	78.8	1.85	
Shasta	92	36	65.0	0.00		San Luis†	96	26	62.2	0.26		Camak	96	62	78.4	5.15	
Shasta Springs†	92	36	65.0	0.00		Selbert†	87	35	58.0	1.69		Canton†	92	46	71.6	4.63	
S. E. Farallone L. H.	92	41	63.3	0.00		Smoky Hill Mine†	82	30	54.8	1.60		Clayton†	98	60	79.4	3.87	
Stanford University	99	48	70.3	0.00		Stamford* ¹	87	26	56.4	0.35		Columbus†	99	56	79.2	5.04	
Stockton	89	37	64.4	0.00		Sulphur Springs†	96	35	67.4	0.16		Cordels	97	54	76.6	3.71	
Summerdale†	96	48	69.3	T.		Surface Creek†	100	41	67.5	0.75		Covington	89	50	71.5	4.62	
Susanville†	96	40	67.2	0.00		Thon†	100	41	67.5	0.75		Dahonega†	91	47	71.2	4.75	
Sutter Creek* ²	112	50	67.8	0.00		Vilas	88	49	65.6	3.98		Diamond†	101	60	80.3	3.44	
Tecate Dam* ³	104	58	84.0	0.02		Wallet†	97	44	70.2	3.77		Easton†	96	55	77.4	2.79	
Tehama* ⁴	107	52	70.7	0.00		Wray†	88	49	65.6	3.98		Elberton†	98	58	79.2	7.21	
Templeton* ⁵	104	58	84.0	0.02		Yuma.	88	49	65.6	3.98		Fleming†	98	58	79.2	7.21	
Trinidad L. H.	86	42	60.8	0.00		<i>Connecticut.</i>						Fort Gaines	98	60	80.4	3.34	
Truckee* ⁶	112	48	81.2	0.00		Bridgeport	87	42	62.5	3.80		Gainesville	98	64	76.2	2.08	
Tulare	107	40	73.6	0.00		Clinton†	89	45	64.2	3.00		Gillsville†	98	53	76.0	3.82	
Turlock†	95	35	63.8	T.		Colchester	89	45	64.2	3.00		Griffin†	97	58	78.9	3.06	
Ukiah†	86	40	68.0	0.00		Falls Village	88	49	65.6	3.98		Hephzibah* ⁷	92	60	77.0	1.40	
Upper Lake	88	40	59.4	0.50		Greenfield Hill	88	48	65.9	4.63		Lagrange†	98	57	78.2	1.66	
Upper Mattole* ¹	83	51	75.1	0.00		Hartford	88	48	65.9	4.63		Leverett†	103	53	78.0	1.80	
Vacaville* ²	89	51	60.6	T.		Hartford b	88	48	65.9	4.63		Lumpkin†	98	62	77.9	3.27	
Ventura†	130	82	106.1	0.00		Lake Konomoc	89	44	65.3	4.36		Macon†	98	52	78.4	3.23	
Volcano Springs* ³	104	47	73.4	0.00		Middleton	86	48	67.0	1.72		Marshallville†	96	60	80.4	2.04	
Wainutereek	105	46	74.6	T.		New London†	86	48	67.0	1.72		Milledgeville†	97	59	77.3	3.72	
Wheatland†	103	60	79.9	0.00		North Franklin	90	44	65.0	4.26		Millen	106	55	79.5	3.49	
Williams* ⁴	102	60	81.1	0.00		Norwalk	86	47	64.7	3.23		Monticello* ¹	98	55	79.8	0.30	
Willows b* ⁵	89	60	80.8	0.00		South Manchester	87	40	62.7	1.78		Morgan†	98	58	78.8	5.96	
Wilmington* ⁶	103	53	77.7	0.00		Storrs	88	39	65.0	4.30		Newman†	96	57	77.4	3.72	
Wire Bridge* ⁷	100	34	65.0	0.81		Voluntown†	87	40	62.7	1.78		Point Peter* ¹	94	58	75.8	1.45	
Yerba Buena L. H.	99	69	81.8	T.		Wallingford†	87	45	65.6	5.71		Poultan†	102	56	79.0	2.64	
Yreka†	99	69	81.8	T.		Waterbury	86	42	62.1	2.65		Quitman†	96	59	79.2	7.81	
Engineers Quarters†				0.00		West Cornwall	86	42	62.1	2.65		Ramsey†	95	50	74.2	1.27	
Moses House†				0.00		West Shimsbury	89	44	65.1	4.19		Rome†	95	54	75.8	1.85	
Grass Valley†				0.00		Windsor	89	44	65.1	4.19		Talbotton†	94	57	76.6	4.01	
Deep Creek†				0.00		<i>Delaware.</i>						Thomasville†	98	60	79.6	4.96	
Holcomb Creek†				0.00		Dover†	90	52	70.0	7.63		Toccoa†	96	53	74.0	3.40	
Squirrel Inn†				0.00		Millsboro	91	52	71.6	6.92		Union Point†	93	56	76.0	5.04	
Green Valley†				0.00		Newark	90	48	67.0	3.05		Washington†	96	56	76.7	4.75	
Tunnel No. 2†				0.00		Seaford†	88	51	70.0	5.81		Waycross†	99	59	80.0	5.24	
<i>Colorado.</i>						<i>District of Columbia.</i>						Waynesboro†	99	58	77.6	3.50	
Alma†	74	22	49.6	0.01		District of Columbia	90	56	72.3	1.61		West Point	96	58	78.7	1.88	
Antlers†	97	44	71.7	0.00		Receiving Reservoir* ²	89	56	72.4	2.66		<i>Idaho.</i>					
Boxelder	82	25	53.7	0.30	0.1	West Washington	93	50	71.6	2.55		American Falls†	96	34	64.7	0.83	
Breckenridge†	98	39	68.4	0.00		<i>Florida.</i>						Atlanta†	91	34	61.8	1.07	
Brush	98	29	61.9	0.10		Amelia†	98	60	78.6	6.97		Birch Creek	97	31	63.1	0.27	
Byers* ¹	97	43	70.2	0.23		Archer†	97	61	80.1	14.46		Blackfoot†	100	40	67.8	1.36	
Canyon†	94	40	64.1	0.70		Bartow†	93	70	80.4	9.76		Boise Barracks†	90	35	62.8	1.49	
Capps	94	40	64.1	0.70		Brookville†	92	65	79.4	11.94		Chesterfield†	96	26	60.6	0.43	
Castlerock†	98	58	73.2	0.00		Carrabelle†	95	67	81.0	9.00		Cœur d'Alene	95	35	60.8	0.00	
Collbran	107	41	71.9	0.00		Clermont†	99	69	82.0	7.36		Corral* ¹	91	39	60.4	0.43	
Colorado Springs†	98	42	70.4	2.29		Earneville†	99	66	81.8	17.92		Dairy†	92	33	62.8	1.15	
Crook	98	42	70.4	2.29		Emerson†	100	61	81.6	15.40		Downey†	92	27	61.0	0.05	
Deertrail* ²	107	41	71.9	0.00		Ernst†	97	68	80.6	7.79		Fort Lemhi†	93	31	65.4	0.99	
Delta†	98	40	72.3	1.46		Federal Point†	95	61	78.8	9.36		Fort Sherman†	98	35	61.6	0.87	
Downing†	89	37	63.7	0.58		Fort Meade†	92	65	76.0	13.30		Fraser†	98	30	59.2	2.30	
Dumont* ³	104		73.0	1.60		Frostproof* ¹	93	70	77.9	11.04		Gimlet†	88	30	59.8	0.00	
First View* ⁴	91	39	65.3	3.99		Gainesville	99	66	81.2	12.14		Grangeville	89	37	59.0	3.24	
Fleming	85	40	62.6	0.71		Grasmere†	97	65	81.8	7.06		Idaho City†	92	31	60.6	1.70	
Fort Collins†	88	37	59.7	1.60		Kissimmee†	98	60	81.8	12.57		Kootenai†	89	36	62.4	0.00	
Glennier†	100	48	75.5	0.01		Lake Butler†	98	62	80.7	9.90		Lake†	78	28	57.1	0.50	
Goldhill* ¹	93	41	68.0	0.46		Lake City†	95	66	80.6	10.36		Lewiston a†	103	30	67.4	1.34	
Grand Junction†	90	30	63.5	0.35		Lemon City†	93	69	82.0	13.55		Lewiston b†	98	38	57.1	1.00	
Greeley†	89	28	61.6	0.00		Macclenny†	90	61	80.6	10.12		Lost River†	81	28	54.2	0.20	
Gulch†	90	30	63.5	0.35		Manatee†	97	64	79.7	9.65		Minidoka†	95	30	67.2	1.20	
Gunnison†	89	28	61.6	0.00		Merritts Island†	93	60	80.7	10.45		Moosew†	92	34	60.2	3.21	
Holly	98	45	73.8	2.45		Milton†	94	71	82.6	10.03		Murray†	99	25	58.6	1.97	
Holyoke a	91	38	65.8	0.94		Mullet Key†	92	71	82.6	20.90		Nampa	100	38	66.2	1.04	
Hugo* ⁶	92	36	64.4	0.94		Myerst	92	65	82.6	20.90		Oakley†	99	32	67.4	0.50	
Hugo (near)	104	80	79.7	0.06		Ocala* ¹	94	73	84.0	12.98		Paris†					

TABLE II.—Meteorological record of voluntary and other cooperating observers—Continued.

Table with 12 columns: Stations, Temperature (Fahrenheit) [Maximum, Minimum, Mean], Precipitation [Rain and melted snow, Total depth of snow]. Rows are organized by state: Illinois, Indiana, Iowa, and Kansas, with various sub-sections for each.

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Kansas—Cont'd.</i>						<i>Kentucky—Cont'd.</i>						<i>Maryland—Cont'd.</i>					
Garfield	98	42	72.4	4.89		Vanceburg†	92	48	71.8	3.15		Sunnyside	85	33	64.0	5.88	
Gibson*	98	42	72.4	6.06		Williamsburg†	90	50	72.8	6.11		Van Bibber	93	52	70.0	3.10	
Girard*	98	56	74.6	3.09		<i>Louisiana.</i>						Western Port	100	42	71.5	4.77	
Gove*†	101	52	74.4	4.31		Abbeville	94	63	79.2	6.35		Woodstock	92	46	69.2	2.50	
Grainfield*	100	52	72.7	6.41		Alexandria†	99	55	80.8	2.02		<i>Massachusetts.</i>					
Grenola*	96	48	74.0	5.30		Amite†	98	57	79.3	8.20		Adams	86	41	62.8	.....
Halstead	96	46	71.0	6.31		Baton Rouge†	96	62	80.2	6.52		Amherst	90	41	63.8	2.46	
Horton†	96	47	72.0	1.62		Calhoun†	100	53	79.5	0.78		Anherst Ex. Station b	90	39	64.0	2.57	
Hutchinson†	98	47	74.8	6.51		Cameron†	97	65	81.8	4.35		Andover*†	.....	48	62.7	2.16	
Independence†	100	48	75.8	3.46		Cheneyville†	100	53	79.0	2.36		Ashland	.....	.....	.....	3.80	
Jaqua	105	43	74.6	4.06		Clinton†	97	57	84.7	5.90		Attleboro	.....	.....	.....	3.78	
Lawrence	92	46	71.9	3.92		Covington†	98	57	79.2	7.04		Bedford	88	44	63.4	2.44	
Lebot	95	43	72.8	3.89		Davis	101	50 ¹	79.2 ¹	1.81		Beverly Farms	86	45	61.7	2.67	
Lyons	105	45	76.8	8.92		Donaldsonville†	93	61	79.0	9.37		Bluehill (summit)	87	45	63.2	3.41	
Mackaville†	110	39	77.2	4.18		Elm Hall	96	60	77.9	.....		Bluehill (valley)	89	39	63.4	3.51	
McPherson†	98	45	72.8	8.38		Emilie†	95	62	79.6	12.18		Boston a	.....	.....	.....	2.52	
Manhattan b	98	46	74.4	2.68		Farmerville	99 ^d	52 ^d	79.6 ^d	0.66		Brockton a	91	44	64.7	3.53	
Manhattan c	105	41	76.5	3.69		Grand Coteau	94	62	79.3	5.76		Brockton b	.....	.....	.....	3.49	
Marion†	100	43	76.4	7.47		Hammond†	96	57	79.4	8.93		Brockton c	.....	.....	.....	3.60	
Meade†	114	50	78.2	2.19		Houma†	100	57	80.4	5.25		Cambridge a	91	43	65.4	2.15	
Medicine Lodge†	105	46	77.6	6.07		Jeanerette†	97	59	80.8	7.51		Chestnut Hill	92	44	65.8	2.98	
Minneapolis†	100	42	73.7	3.39		Lafayette†	97	59	80.2	6.33		Clinton	.....	.....	.....	1.92	
Morantown†	98	46	72.6	2.90		Lake Charlest.	96	63	82.0	5.84		Cohasset	.....	.....	.....	4.44	
Morton†	111	47	78.4	1.64		Lake Providence	97	62	82.2	0.31		Concord†	90	40	63.9	2.25	
Mouthope*	99	55	75.8	5.17		Liberty Hill	104	52	77.2	2.35		Dudley ¹	88*	45	63.9	2.80	
Ness City†	109	43	76.8	3.94		Mansfield†	99	51	79.6	3.70		East Templeton*†	88	46	63.7	1.01	
New England Ranch†	100 ¹	44 ¹	70.4 ¹	4.50		Maurepas	100	57 ¹	79.2 ¹	7.88		Fallriver	88	50	66.4	4.28	
Norton†	101	42	70.6	3.74		Melville†	97	58	80.1	4.98		Fitchburg a*†	87	47	64.2	2.25	
Norwich	.....	.....	.....	7.25		Minden	100	54	80.3	0.42		Fitchburg b	89	45	64.3	1.92	
Oberlin†	.....	.....	.....	5.96		Monroe†	98	59	81.8	1.34		Framingham	92	42	65.9	3.14	
Olathe†	94	45	72.6	2.66		New Iberia	95	64	79.5	9.45		Groton	89	40	62.8	2.29	
Osage City†	98	50	75.2	2.61		Oakridge†	.....	51	.....	4.24		Hingham	.....	.....	.....	4.27	
Oswego†	96	49	76.2	5.86		Oberlin	100	50	84.2	3.50		Hobbs Brook	.....	.....	.....	2.21	
Ottawa†	92	45	72.2	2.44		Opelousas†	96	54	79.8	7.61		Hyannis*†	85	50	66.7	3.23	
Paola†	98	46	73.3	1.50		Oxford†	98	50	78.2	1.24		Lake Cochituate	91	38	64.7	3.04	
Phillipsburg†	104	46	73.8	5.02		Palencourtville†	96	58	80.1	10.94		Lawrence	96	46	66.9	1.49	
Pleasant Dale†	104	41	73.6	4.87		Plain Dealing†	95	54	79.8	2.44		Leeds	92	40	64.0	2.94	
Pratt†	102	46	76.4	4.71		Rayne†	98	60	79.8	7.97		Leicester Hill	87	43	62.6	2.88	
Rome*†	100	45	74.4	6.06		Roberline†	102	50	80.2	0.98		Leominster	.....	.....	.....	2.49	
Russell†	105	43	75.7	7.32		Ruston†	98	58	80.1	0.78		Long Plain*†	85	40	62.6	5.83	
Salina†	100	44	74.2	9.97		Schlevert†	98	58	80.1	10.64		Lowell a	90	44	65.2	2.68	
Scott City†	104	41	74.0	4.29		Southern University†	92	61	77.6	8.60		Lowell c	94	45	66.0	.....
Sedan†	97	48	75.4	5.84		Sugar Ex. Station†	97	65	80.8	11.04		Ludlow Center	85	35	60.7	2.45	
Sharon Springs*†	104	50	76.4	2.25		Thibodeaux	.....	.....	.....	7.16		Mansfield*†	89	44	63.7	3.71	
Tribune†	.....	.....	.....	2.15		Trinity	99	.....	.....	2.48		Middleboro	87	38	62.7	3.62	
Ulysses†	105 ^d	45 ^d	77.5 ^d	0.86		Venice†	96	56	77.0	5.76		Milton	87	43	62.4	3.68	
Wakefield*†	103	54	75.0	5.56		Wallace	96	64	80.3	12.84		Monroe	85	37	59.2	1.98	
Wallace*†	100	48	72.0	1.10		West End	.....	.....	.....	9.70		Mount Nonotuck	.....	.....	.....	3.06	
Wamego*†	94	52	73.7	2.54		White Sulphur Springs	.....	.....	.....	2.40		Mount Wachusett	.....	.....	.....	2.40	
Wellington*†	96	47	77.0	8.72		<i>Maine.</i>						Mystic Lake	.....	.....	.....	2.51	
Winfield*	106	42	76.0	6.15		Bar Harbor	87	35	57.6	2.39		Mystic Station	.....	.....	.....	2.32	
Winona*	102	50	72.8	2.68		Belfast*†	89	42	62.4	2.21		Natick*†	87	49	65.3	2.98	
Yates Center†	94	45	73.1	2.21		Cornish*†	86	47	63.2	2.69		New Bedford a	85	46	63.3	4.98	
<i>Kentucky.</i>						Fairfield	87	34	60.5	1.91		New Bedford b	86	41	63.8	4.82	
Alpha†	91	53	74.0	6.01		Farmington†	94	39	65.6	2.49		North Billerica	90	43	64.6	2.05	
Anchorage†	89	55	71.8	5.56		Flagstaff†	87	33	59.2	2.40		Pittsfield	85	40	63.0	3.40	
Ashland*†	98	58	74.7	.....		Fort Fairfield	90	32	62.2	2.40		Plymouth*†	88	52	65.5	3.59	
Blandville†	88	53	72.9	11.22		Gardiner	91	43	64.6	1.94		Princeton	.....	.....	.....	2.56	
Bowling Green a*†	92	48	70.1	4.09		Kineo†	80	41	60.2	2.47		Provincetown	85	48	63.6	.....
Bowling Green b†	94	55	75.2	3.94		Lewiston	88	46	64.6	2.58		Quinapoxet	.....	.....	.....	2.64	
Burnside†	.....	.....	.....	4.73		Mayfield	86	37	60.8	3.13		Roberts Dam	.....	.....	.....	2.68	
Caddo†	90	51	72.0	7.80		North Bridgton	88	41	62.5	2.09		South Clinton	.....	.....	.....	2.53	
Canton*†	90	59	72.6	3.23		Winslow	90	41	62.2	2.33		Springfield Armory	92	40	64.2	2.87	
Carrington†	94	56	75.6	5.30		<i>Maryland.</i>						Sterling	.....	.....	.....	2.75	
Catlettsburg†	.....	.....	.....	5.97		Annapolis	91	63	76.1	3.11		Taunton b	86	43	64.7	3.63	
Earlington	90	56	73.2	4.74		Bachmans Valley	94	41	68.0	5.09		Taunton c	86	38	62.6	4.21	
Edmonton†	88	51	72.0	3.48		Boethelville*†	88	48	66.8	5.80		Wakefield†	91	44	65.7	2.16	
Eubank†	95	46	72.0	4.16		Cambridge*†	96	54	71.5	.....		Waltham	.....	.....	.....	2.65	
Falmouth†	.....	.....	.....	6.82		Charlotte Hall†	89	49	70.8	4.38		Webster	.....	.....	.....	3.30	
Fords Ferry†	95	52	74.9	2.02		Cherryfields† ²	.....	.....	.....	71.7	3.39	Westboro†	92	40	66.0	3.34	
Frankfort†	91	49	72.8	4.44		Chestertown†	88	50	71.8	3.73		Williamstown*†	83	51	63.8	2.55	
Franklin*†	92	60	74.5	3.52		Collegepark	92	45	68.9	2.00		Winchester	.....	.....	.....	2.18	
Georgetown	94	54	73.4	.....		Cumberland a†	88	50	68.7	4.22		Worcester b	87	48	64.6	2.75	
Greendale*	94	58	73.3	5.23		Cumberland b	93	53	73.5	4.67		<i>Michigan.</i>					
Greensburg†	88	53	73.3	8.47		Darlington†	89	43	69.5	3.40		Adrian	95	42	69.0	4.94	
Henderson†	93	57	74.9	4.40		Deerpark	85	32	63.0	4.23		Allegan	91	41	68.6	2.50	
Hopkinsville	89	54	73.0	4.81		Denton	90	51	71.0	5.38		Alma	93	42	67.6	3.19	
Leitchfield†	92	48	72.6	2.87		Easton†	88	50	69.6	3.76		Ann Arbor	88	45	68.2	3.99	
Louisa†	91	49	72.6	5.07		Ellicott City	86	54	70.2	2.90		Arbela	92	39	68.1	3.93	
Marionbone†	98	48	73.4	3.46		Fallon*†	88	57	69.6	4.07		Ball Mountain	87	43	67.4	2.88	
Maysville*†	90	60	75.8	.....		Flintstone	91	39	68.2	4.36		Baraga	93	31	62.8	1.14	
Middlesboro†	91	49	72.2	4.81		Frederick a	93	47	70.2	3.83		Battlecreek	94	43	69.6	7.16	
Mount Sterling†	91	48	71.2	4.78		Grantsville	86	37	63.4	5.78		Bay City a	89 ^d	40	65.8	1.49	
Owenton†	92	51	73.2	4.82		Greatfalls*†	90	58	72.2	3.44		Bay City b	94	42	67.2	1.26	
Paducah†	.....	.....	.....	4.72		Greenspring Furnace	93	44	69.8	4.40		Benton Harbor	92	41	68.6	1.52	
Paducah b†																	

TABLE II.—Meteorological record of voluntary and other cooperating observers—Continued.

Table with 15 columns: Stations, Temperature (Fahrenheit) (Maximum, Minimum, Mean), Precipitation (Rain and melted snow, Total depth of snow). Rows are organized by state: Michigan-Cont'd, Minnesota-Cont'd, Missouri-Cont'd, and Montana.

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.							
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.						
<i>Montana—Cont'd.</i>						<i>Nebraska—Cont'd.</i>						<i>New Jersey—Cont'd.</i>											
Bozeman †	92°	32°	62.5°	2.55		McCook *1	102°	50°	76.1°	3.61		Imlaystown	94°	46°	70.0°		3.46	Imlaystown	94°	46°	70.0°		3.46
Butte †	85°	30°	58.8°	1.07		Junction	96°	50°	68.5°	4.09		Junction	93°	47°	69.4°		3.30	Junction	93°	47°	69.4°		3.30
Chinook †	106°	44°	68.8°	1.51		Madrid *16	96°	45°	71.8°	3.75		Lambertville	98°	47°	68.2°		13.07	Lambertville	98°	47°	68.2°		13.07
Choteau †	95°	35°	62.8°	0.60		Marquette	89°	55°	72.2°	4.24		Linwood	95°	45°	70.4°		7.70	Linwood	95°	45°	70.4°		7.70
Cokedale †	100°	32°	60.6°	1.57		Milford *3	96°	52°	69.7°	2.61		Millville	90°	47°	70.2°		4.48	Millville	90°	47°	70.2°		4.48
Columbia Falls †	89°	30°	58.8°	1.10		Minden a *1	92°	44°	70.0°	3.64		Moorstown	92°	54°	69.4°		6.59	Moorstown	92°	54°	69.4°		6.59
Dillon †	99°	35°	66.8°	7.50		Minden b †	98°	54°	71.8°	2.48		Newark a	90°	46°	70.0°		4.91	Newark a	90°	46°	70.0°		4.91
Fort Custer †	99°	42°	68.6°	1.61		Nebraska City a *17	92°	46°	68.2°	5.26		Newark b †	92°	50°	68.6°		6.60	Newark b †	92°	50°	68.6°		6.60
Fort Keogh †	100°	36°	58.8°	0.62		Nemaha *1	93°	43°	69.0°	4.50		New Brunswick a	93°	46°	70.0°		4.96	New Brunswick a	93°	46°	70.0°		4.96
Fort Logan †	96°	30°	59.3°	0.86		Nesbit †	100°	46°	71.8°	2.18		New Brunswick b	98°	44°	66.0°		4.33	New Brunswick b	98°	44°	66.0°		4.33
Fort Missoula	98°	39°	66.0°	2.41		Norfolk †	95°	43°	70.0°	8.00		Ocean City	92°	48°	68.6°		4.96	Ocean City	92°	48°	68.6°		4.96
Glasgow †	100°	41°	69.2°	4.20		North Loup †	94°	52°	73.7°	5.58		Perth Amboy	93°	47°	68.2°		6.68	Perth Amboy	93°	47°	68.2°		6.68
Glendive †	95°	40°	64.4°	1.14		Oakdale †	89°	45°	67.0°	5.87		Plainfield	93°	47°	68.0°		4.50	Plainfield	93°	47°	68.0°		4.50
Hogan †	90°	31°	62.2°	0.37		Odell *5	94°	49°	72.8°	2.00		Rancocas	94†	58°	73.0°		6.10	Rancocas	94†	58°	73.0°		6.10
Kalispell †	94°	32°	60.2°	0.34		O'Neill	96°	44°	69.2°	6.05		Readington *1	92°	39°	65.8°		6.09	Readington *1	92°	39°	65.8°		6.09
Kipp †	89°	34°	55.8°	1.34		Osceola	98°	54°	70.8°	3.35		Riverville	93°	43°	68.6°		6.76	Riverville	93°	43°	68.6°		6.76
Lewistown †	104°	39°	61.0°	0.40		Ought †	101°	57°	76.4°	2.67		South Orange	90°	48°	67.2°		5.85	South Orange	90°	48°	67.2°		5.85
Libby †	90°	31°	61.0°	1.02		Palmer a *1	94°	60°	76.4°	2.84		Staffordville	97°	42°	68.6°		4.46	Staffordville	97°	42°	68.6°		4.46
Livingston †	91°	34°	60.6°	1.71		Plattsburgh †	95°	48°	71.0°	4.25		Stamfordville	97°	42°	68.6°		4.46	Stamfordville	97°	42°	68.6°		4.46
Manhattan †	93°	31°	61.0°	1.02		Schuyler	94°	49°	72.8°	4.52		Trenton	92°	52°	71.5°		3.72	Trenton	92°	52°	71.5°		3.72
Martinsdale †	87°	36°	60.0°	1.11		Seneca *1	96°	44°	69.2°	2.00		Vineland	95°	45°	70.0°		9.67	Vineland	95°	45°	70.0°		9.67
Marysville †	102°	33°	65.8°			Seward *5	96°	56°	74.2°	2.51		Woodbine	87°	47°	67.1°		5.76	Woodbine	87°	47°	67.1°		5.76
Musselshell †	97°	38°	64.7°	3.79		Springview	96°	44°	69.2°	6.05		<i>New Mexico.</i>											
Poplar †	106°	37°	68.4°			Stanton *1	94°	48°	69.2°	3.03		Albert †	104°	51°	76.2°		1.87	Albert †	104°	51°	76.2°		1.87
Radersburg †	90°	39°	60.1°	4.12		State Farm	93°	47°	69.6°	2.88		Albuquerque †	101°	40°	73.3°		0.30	Albuquerque †	101°	40°	73.3°		0.30
Red Lodge	96°	35°	61.6°	1.27		Strang *1	96°	56°	71.0°	3.60		Alma †	101°	43°	72.0°		T.	Alma †	101°	43°	72.0°		T.
St. Ignatius Mission †	93°	40°	62.9°	2.01		Superior *5	94°	54°	74.0°	2.72		Bernalillo †	102°	40°	71.0°		0.62	Bernalillo †	102°	40°	71.0°		0.62
St. Pauls †	98°	33°	60.2°	0.62		Sutton	94°	46°	69.2°	4.67		Chama †	96°	33°	65.6°		0.19	Chama †	96°	33°	65.6°		0.19
Troy †	95°	33°	63.2°	2.35		Syracuse	97†	47†	71.1†	3.26		Clayton †	100°	40°	73.7°		1.51	Clayton †	100°	40°	73.7°		1.51
Utica †	86°	31°	60.8°	1.25		Tecumseh a †	95°	48°	71.2°	4.25		Deming *8	108°	70°	86.7°		0.15	Deming *8	108°	70°	86.7°		0.15
Virginia City †	97°	37°	57.0°	0.56		Tekamah	96°	48°	71.1°	4.80		East Las Vegas †	91°	43°	68.2°		2.02	East Las Vegas †	91°	43°	68.2°		2.02
White Sulphur Springs †	95°	34°	64.8°	3.70		Theford *1	94°	49°	71.6°	2.39		Eddy †	111°	57°	81.4°		2.57	Eddy †	111°	57°	81.4°		2.57
Wildaux	97°	35°	61.1°	1.01		Turlington †	92°	43°	68.0°	4.48		Engle †	101°	48°	76.0°		0.27	Engle †	101°	48°	76.0°		0.27
Yale †	93°	35°	61.1°	1.01		Valentine †	92°	43°	68.0°	4.48		Espanola †	98°	42°	71.7°		0.92	Espanola †	98°	42°	71.7°		0.92
<i>Nebraska.</i>						Wakefield	98°	50°	72.2°	3.38		Fort Bayard	99°	46°	73.7°		T.	Fort Bayard	99°	46°	73.7°		T.
Agee *1	92°	51°	69.2°	4.35		Wallace *1	92°	40°	67.9°	2.63		Fort Wingate	101°	50°	74.2°		0.84	Fort Wingate	101°	50°	74.2°		0.84
Albion †	96°	43°	70.4°	5.83		Whitman *1	94°	48°	71.0°	4.35		Galisteo †	105°	49°	77.1°		1.88	Galisteo †	105°	49°	77.1°		1.88
Ansel †	96°	39°	73.6°	2.92		Wilber *1	104°	48°	74.8°	3.60		Gallinas Spring †	109°	48°	79.5°		1.33	Gallinas Spring †	109°	48°	79.5°		1.33
Arapahoe *1	92°	46°	69.8°	4.16		Wilsonville *1	102°	56°	76.6°	3.32		Gila	107°	51°	78.4°		0.35	Gila	107°	51°	78.4°		0.35
Arborsville *1	97°	48°	74.0°	7.86		<i>New Hampshire.</i>						Hillsboro †	85°	32°	54.6°		1.13	Hillsboro †	85°	32°	54.6°		1.13
Arcadia	95°	46°	71.3°	1.80		Belmont	85°	31°	59.8†	2.25		Labelle †	104°	46°	76.7°		1.01	Labelle †	104°	46°	76.7°		1.01
Ashland a †	97°	48°	71.2°	5.01		Berlin Mills	83°	36°	61.0°	2.00		Las Cruces †	98°	78°	87.9°		0.30	Las Cruces †	98°	78°	87.9°		0.30
Ashton	96°	48°	71.2°	5.01		Bethlehem	90°	42°	61.7°	1.92		Lordsburg *8	104°	45°	72.8°		0.10	Lordsburg *8	104°	45°	72.8°		0.10
Auburn *1	96°	50°	73.0°	3.10		Brookline *1	92°	34°	61.2°	2.35		Los Lunas †	106°	49°	74.5°		2.05	Los Lunas †	106°	49°	74.5°		2.05
Aurora *1	93°	55°	72.5°	3.40		Concord	89°	42°	64.6°	3.04		Lower Penasco †	96°	35°	64.2°		0.22	Lower Penasco †	96°	35°	64.2°		0.22
Bassett	94°	41°	67.2°	4.29		Durham	85°	34°	61.2°	1.24		Monero †	95°	36°	65.4°		1.90	Monero †	95°	36°	65.4°		1.90
Beatrice †	104°	45°	73.0°	5.83		Grafton †	89°	38°	62.2°	2.31		Ocate †	108°	55°	80.2°		2.00	Ocate †	108°	55°	80.2°		2.00
Beaver City †	104°	54°	74.2°	2.78		Hanover	88°	35°	61.9°	1.46		Puerto de Luna †	97°	38°	67.8°		0.14	Puerto de Luna †	97°	38°	67.8°		0.14
Benkelman *1	98°	50°	72.8°	7.52		Keene	88°	35°	61.9°	1.46		Raton †	114°	48°	82.3°		0.38	Raton †	114°	48°	82.3°		0.38
Bluehill *1	97°	52°	74.8°	2.52		Lakeport	92°	40°	64.7°	1.78		Rincon †	110°	55°	81.0°		1.97	Rincon †	110°	55°	81.0°		1.97
Brokenbow *1	92°	60°	78.0°	4.89		Mine Falls	90°	41°	63.6°	1.62		Roswell †	102°	50°	76.0°		0.18	Roswell †	102°	50°	76.0°		0.18
Burwell *1	94°	44°	69.5°	3.58		Nashua	90°	41°	63.6°	1.62		Soson †	101°	44°	72.4°		3.00	Soson †	101°	44°	72.4°		3.00
Callaway †	94°	62°	79.4°	4.72		Newton	88°	38°	62.5°	2.40		Socorro	104°	56°	78.0°		0.43	Socorro	104°	56°	78.0°		0.43
Central City *5	98°	52°	71.6°	3.92		North Conway	94°	43°	68.0°	4.48		Springer †	104°	41°	71.6°		1.61	Springer †	104°	41°	71.6°		1.61
Chester *1	92°	44°	69.6°	4.42		Pennichuck Station	84°	38°	66.6°	1.59		Sulphur Hot Springs	82°	33°	57.9°		0.27	Sulphur Hot Springs	82°	33°	57.9°		0.27
Columbus †	95°	42°	70.4°	5.01		Plymouth	92°	34°	61.8°	1.34		Valley Ranch	93°	41°	67.5°		0.73	Valley Ranch	93°	41°	67.5°		0.73
Creighton †	94°	46°	70.9°	3.71		Sambornton †	85°	38°	60.7°	3.04		White Oaks	99°	52°	73.8°		0.45	White Oaks	99°	52°	73.8°		0.45
Crete	105°	48°	73.4°	5.03		Warner	88°	35°	61.9°	1.46		Winsors Ranch	99°	52°	73.8°		1.73	Winsors Ranch	99°	52°	73.8°		1.73
Culbertson	94°	44°	69.5°	3.58		Weirs Bridge	88°	35°	61.9°	1.46		<i>New York.</i>											
Curtis a †	94°	62°	79.4°	4.72		Wolfboro	88°	35°	61.9°	1.46		Adams	87°	36°	64.0°		5.78	Adams	87°	36°	64.0°		5.78

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>New York—Cont'd.</i>						<i>North Carolina—Cont'd.</i>						<i>Ohio—Cont'd.</i>					
Friendship	89	32	64.1	3.22		Rockingham	96	57	76.8	6.24		Elyria	92	40	67.6	5.99	
Fulton	92	40	64.6	3.01		Roxboro	92	53	72.2	4.28		Fairport Harbor*10	84	50	67.7		
Glen Falls	92	40	63.0	3.79		Salem	96	51	71.6	6.96		Fayetteville	92	45	71.7	2.17	
Gloversville	87	40	63.0	3.19		Salisbury	95	53	74.2	3.91		Findlay	94	43	70.6	5.23	
Haskinville	87	42	64.3	2.40		Saxon	95	50	73.9	6.81		Fostoria	90	45	71.9	3.58	
Honeymead Brook	86	38	62.9	3.63		Selma	94	52	75.2	2.52		Frankfort	88	44	69.0	3.72	
Humphrey	86	39	65.3	4.36		Settle	96	50	73.5	6.67		Garrettsville	88	36	65.3	4.76	
Ithaca	86	39	65.3	4.36		Skyuka	81	50	65.4	6.39		Granville	90	40	69.1	5.54	
Jamestown	85	40	64.4	3.39		Sloan	92	51	76.1	2.92		Gratlot	86	43	68.0	4.69	
Kings Station	89	38	62.6	4.49		Soapstone Mount	92	49	71.5	5.52		Greenfield	90	50	71.2	2.71	
Lebanon Springs	93	43	68.4	1.43		Southport	88	60	76.8	7.02		Greenhill	91	33	66.8	5.54	
Lockport	87	44	66.2	1.83		Springhope*1	91	61	73.9	5.45		Greenville	86	47	68.0	4.77	
Lowville	87	45	66.1	2.42		Tarboro	93	54	75.7	5.16		Hackney	91	42	71.0	6.60	
Lyons	85	37	63.0	1.54		Waynesville	87	44	67.9	5.14		Hanging Rock	93	45	71.0	4.76	
Madison Barracks	85	37	63.0	1.54		Weldon	93	56	75.0	6.17		Hedges	98	39	68.4	3.11	
Malone	82	40	62.0	4.57		Wilkesboro	92	42	71.0	4.04		Hillhouse	89	35	60.4	5.92	
Manhattan Beach	89	45	67.8	6.34		Willeyton	91	56	74.2	10.18		Hillsboro	95	43	72.2	4.75	
Middletown	85	48	62.7	2.22		<i>North Dakota.</i>						Hiram	87	42	67.2	3.95	
Mohok Lake	85	48	62.7	2.22		Amenia	91	43	65.7	2.25		Hudson	91	37	71.0	7.70	
Mount Morris	89	45	67.8	6.34		Ashley	90	40	66.8	4.20		Jacksonboro	95	48	71.8	3.95	
Newark Valley	84	31	60.8	3.77		Botineau	88	42	63.6	5.94		Kenton	91	43	69.4	4.81	
New Lisbon	94	31	60.8	3.77		Buxton	87	41	64.4	5.38		Killbuck	88	39	67.8	5.59	
North Hammond	92	44	66.7	2.36		Churches Ferry	94	46	65.2	4.68		Lancaster	87	45	67.8	4.42	
Number Four	81	33	59.0	2.81		Coalharbor	91	44	64.9	3.55		Leipsic	96	40	69.4	3.63	
Ogdensburg	96	44	64.8	2.57		Dickinson	87	28	61.3	2.54		Levering	92	34	66.8	3.45	
Oneonta	90	36	65.0	3.39		Diekdale	92	45	65.8	2.23		Logan	92	42	70.0	6.06	
Oxford	90	34	63.8	2.96		Falconer	98	41	64.8	3.00		Lordstown	87	36	61.0	5.13	
Palermo	87	38	63.4	2.31		Fargo*6	88	41	67.6	2.41		Lowell	94	41	71.0	7.48	
Perry City	89	33	64.5	3.67		Forman	93	37	65.3	3.31		McArthur	89	42	68.9	3.86	
Phoenix	87	42	65.4	1.54		Fort Berthold	96	38	67.1	7.08		McConnelsville	92	44	70.2	6.44	
Pittsford	89	45	64.1	2.80		Fort Yates	94	40	67.7	3.55		Mansfield	90	43	69.7	5.81	
Plattsburg Barracks	89	43	66.2	5.54		Gallatin	93	41	64.9	2.18		Marietta	90	39	69.3	3.43	
Port Jervis	83	41	62.7	2.76		Glenullin	90	40	65.4	5.92		Marietta b	90	47	69.7	5.81	
Potsdam	83	41	62.7	2.76		Grafton	88	41	65.2	3.31		Marion	91	39	69.3	3.43	
Poughkeepsie	90	40	64.5	3.67		Grand Rapids	93	38	64.6	3.22		Medina	91	36	61.8	4.54	
Ridgeway	89	42	66.2	2.43		Jamestown	89	45	66.6	2.04		Milfordton	90	38	69.2	4.91	
Rome	89	40	65.2	1.51		Kelso	97	38	65.2	0.94		Milligan	95	40	70.2	6.95	
Romulus	89	42	66.2	2.43		Lakota	86	45	64.8	3.82		Millport	86	56	71.9	4.43	
Rose	89	42	66.2	2.43		McKinney	88	41	67.1	6.82		Montpelier	93	44	68.9	3.49	
Saranac Lake	85	37	62.0	3.70		Medora	95	41	67.1	4.97		Napoleon	94	42	70.0	3.49	
Scottsville	87	52	65.7	3.08		Milton	93	43	65.2	5.07		Neapolis	88	44	69.0	3.57	
Setauket	86	31	62.1	6.22		Minto	94	43	67.5	2.93		New Alexandria	88	44	69.0	5.81	
Skaneateles	86	31	62.1	6.22		Napoleon	95	40	65.4	3.44		New Berlin	91	38	68.1	6.15	
South Canisteo	86	31	62.1	6.22		New England City	96	40	65.5	3.40		New Bremen	93	42	69.0	2.63	
Southeast Reservoir	86	32	61.6	4.00		Oakdale	99	38	63.5	5.08		New Comerstown	90	40	69.6	5.77	
South Kortright	86	32	61.6	4.00		Portal	86	40	66.4	4.24		New Holland	91	43	70.2	5.09	
Tyrone	90	25	66.0	3.06		Power	89	42	66.2	3.52		New Moscow	90	40	69.6	5.77	
Varysburg	90	28	66.2	2.05		St. John	85	45	63.4	4.35		New Paris	98	42	71.3	3.33	
Victor	91	45	67.6	3.52		Sheyenne	96	43	67.0	5.20		New Waterford	92	44	69.4	8.09	
Wappingers Falls	91	45	67.6	3.52		Steele	93	43	65.5	2.18		North Lewisburg	92	44	69.4	4.20	
Warwick	96	40	65.2	3.28		Towner	89	44	63.6	6.30		North Royalton	90	39	67.4	8.51	
Watertown	92	33	65.0	2.85		University	86	49	65.5	3.15		Norwalk	94	35	69.4	2.10	
Waverly	92	41	66.0	6.23		Walpeton	91	43	66.2	5.76		Oberlin	92	38	70.6	1.80	
Wedgwood	85	40	66.5	2.90		Wildrice	87	42	67.2	2.20		Ohio State University	89	44	68.8	4.12	
Westfield	91	42	65.4	4.07		Willow City	94	44	64.2	3.18		Orangeville	93	36	67.4	5.52	
Westpoint	89	50	66.4	6.01		Woodbridge	85	41	62.7	3.77		Ottawa	97	42	70.1	5.09	
Willetsport	89	50	66.4	6.01		<i>Ohio.</i>						Pataskala	90	41	68.5	5.32	
<i>North Carolina.</i>						Akron	88	43	67.8	7.79		Peoli	91	43	70.0	5.00	
Asheville	87	47	68.6	4.46		Ashland	91	41	68.2	3.70		Philo	92	45	70.0	6.36	
Beaufort	87	65	76.1	2.69		Ashtabula	87	42	66.5	6.14		Plattsburg	88	46	69.0	3.67	
Biltmore	88	44	68.8	3.65		Athens	89	45	70.3	6.54		Pomeroy	96	46	72.4	4.69	
Bryson City	87	56	75.8	5.06		Atwater	91	33	65.0	4.96		Portsmouth a	96	52	73.6	4.55	
Chapel Hill	87	56	75.8	5.06		Auburn	91	33	65.0	5.93		Portsmouth b	96	52	73.6	3.73	
Currituck Inlet	89	58	74.4	4.84		Bangorville	92	44	69.2	3.76		Richwood	91	41	68.4	3.47	
Edenton	89	58	74.4	4.84		Basil	90*	37	65.5	9.31		Ridgeville Corners	91	41	68.4	7.25	
Experimental Farm	89	58	75.3	3.85		Bement	93	38	69.7	5.18		Ripley	90	49	71.3	7.27	
Fairbluff	90	65	75.7	3.01		Benton Ridge	93	39	68.4	3.43		Rittman	90	36	65.7	2.37	
Falkland*	82	57	75.3	7.15		Berlin Heights	91	38	67.4	4.45		Rockyridge	94	43	70.0	1.44	
Fayetteville	86	44	68.4	6.37		Bethany	86	47	72.7	4.12		Rosewood	89	44	68.0	2.73	
Flatrock	84	59	72.2	3.78		Bigprairie	91	38	67.4	4.45		Sharon Center	95	52	72.8	6.07	
Goldsboro	89	59	72.2	3.78		Binola	91	43	72.0	9.92		Shenandoah	92	40	67.6	2.97	
Greensboro	84	58	72.6	8.51		Bissells	86	37	68.9	7.34		Sidney b	90	48	70.1	2.65	
Greenville	84	59	74.5	5.60		Bladensburg	89	39	67.6	5.53		Sinking Spring	90	48	70.1	2.61	
Henderson	80	41	63.4	6.74		Bloomington	94	44	68.8	3.15		Springboro	91	46	69.7	3.75	
Highlands	85	45	68.7	5.90		Bowling Green	95	40	68.7	3.19		Spring Valley	91	46	69.7	4.79	
Horse Cove	82	58	76.8	3.20		Caledonia	89	40	67.6	6.08		Strongsville	94	43	67.6	9.65	
Jacksonville	88	42	67.3	5.58		Cambridge	93	48	72.8	4.23		Sylvania	96	43	73.6	4.45	
Jefferson	87	56	71.1	2.70		Camp Dennison	90	38	68.0	6.04		Thurman	89	43	69.0	4.07	
Lenoir*	82	56	74.6	3.60		Canal Dover	88	41	68.4	8.48		Tiffin	88	42	68.2	5.77	
Liville	82	56	74.6	3.60		Canfield	89	36	65.8	6.39		Upper Sandusky	88	42	68.2	5.11	
Littleton	91	55	74.5	4.72		Canton	88	41	68.4	8.48		Urbana	86	47	69.0	3.08	
Louisburg	94	59	77.5	4.51		Carrollton	89	36	65.8	3.92		Vanceburg	92	51	72.9	2.98	
Lumberton	91	59	77.5	4.51		Cedarville	91	48	70.7	3.10		Van Wert	92	43	69.1	2.88	
Lynn*	90	52	71.5	8.36		Cherryfork	89	42	72.6	4.17		Vermillion	89	39	66.1	2.37	
Marion	92	54	74.6	4.11		Circleville b	90	46	70.2	7.03		Vickery	95	40	73.8	8.23	
Mocksville	83	54	74.2	5.13		Clarksville											

TABLE II.—Meteorological record of voluntary and other cooperating observers—Continued.

Table with multiple columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into sections for Oklahoma, Oregon, Pennsylvania-Cont'd., South Carolina-Cont'd., South Dakota, Tennessee, and Rhode Island. Each section lists various weather stations and their corresponding data for maximum, minimum, mean temperature, and precipitation (rain and melted snow, total depth).

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Tennessee—Cont'd.</i>						<i>Texas—Cont'd.</i>						<i>Washington—Cont'd.</i>					
Milant	94	55	76.1	3.20		Sierra Blanca	104	50	80.6	1.54		Ashford	89	33	56.9	3.25	
Molino	95	50	74.7	2.48		Stafford	101	62	84.0	3.45		Blaine	89	33	56.9	2.04	
Newport	92	53	73.3	5.76		Temple	101	61	83.5	0.47		Cascade Tunnel	96	38	61.8	2.10	
Nunnely	89	61	73.4	4.66		Temple	100	60	85.0	0.40		Centerville	95	37	62.6	1.35	
Palmetto	91	54	74.4	2.91		Twohig	107	64	86.6	0.00		Chehalis	95	35	60.2	0.69	
Pope	92	60	73.9	2.56		Tyler	101	51	81.4	0.20		Colfax	106	30	69.8		
Riddletown	90	54	74.0	5.07		Victoria	103	56	85.2	1.60		Connell	88	39	56.4	1.04	
Rockwood	86	50	70.4	4.46		Waco	101	52	83.1	0.19		Coupeville	80	41	58.0	0.83	
Rogersville	88	55	70.8	5.09		Weatherford	101	52	83.1	0.19		Ellensburg	95	40	61.4	0.77	
Rugby	94	49	73.9	8.45		<i>Utah.</i>						Ellensburg (near)	98	34	63.3	0.10	
St. Joseph	92	58	77.2	6.32		Alpine City	102	51	79.8	0.06		Fort Simcoe	103	41	67.8	0.17	
Savannah	84	50	69.6	4.22		Blue Creek	109	47	77.2	0.02		Fort Spokane	100	32	60.8	0.21	
Sewanee	96	60	75.8	4.65		Brigham City	99	60	83.7	0.12		Grandmound	97	34	59.2	1.54	
Springdale	97	52	74.0	4.10		Cisco	106	35	73.1	0.01		Hunters	89	31	54.8	0.90	
Tellico Plains	92	54	74.0	4.92		Corinne	95	37	67.2	0.03		Lakeside	97	45	66.0	0.09	
Trenton	87	48	70.4	3.95		Fillmore	107	38	76.0	T.		Lapush	73	39	55.6	3.30	
Tullahoma	93	55	75.8	7.55		Fort Duchesne	96	34	63.8	0.05		Madrone	89	38	58.8	0.98	
Union City	90	51	71.8	5.43		Giles	94	38	64.6	0.09		Mayfield	92	34	50.6	5.13	
Waynesboro	95	50	78.8	0.64		Grover	96	59	75.4	0.00		Montecristo	106	35	65.9	0.07	
<i>Texas.</i>						Hebert	95	36	68.0	0.36		Moxee Valley	78	39	60.2	2.06	
Albany	104	56	82.8	0.30		Levan	96	30	63.5	0.35		New Whatcom	79	38	56.8	1.29	
Arthur City	101	58	82.1			Logan	90	39	66.0	0.46		Olympia	95	38	59.4	1.31	
Aurora	107	49	82.2	2.06		Mammoth	93	42	68.6	0.12		Pine Hill	95	39	62.6	0.23	
Austin	106	64	85.5	1.07		Mantit	106	34	69.2	T.		Pomeroy	98	46	68.9	0.43	
Ballinger	104	50	80.0	0.50		Millville	100	48	73.8	0.45		Pullman	94	37	60.2	1.06	
Beeville	100	50	83.8	0.37		Moab	97	58	74.5	0.10		Queet	89	35	55.6	4.67	
Blanco	105	62	82.5	0.66		Ogden	99	40	71.8	0.00		Rosalie	94	34	59.3	0.71	
Boerne	97	65	82.5	0.58		Pahreah	86	33	58.6	0.00		Shoalwater Bay	88	45	57.1		
Brady	100	61	84.2	0.90		Park City	96	41	68.5	0.08		Silvercreek	94	36	56.0	2.91	
Brazoria	102	62	83.6	0.41		Parowan	100	45	73.6	0.00		Snohomish	92	38	59.5	1.63	
Brenham	102	62	83.6	0.41		Promontory	112	43	78.5	0.00		Southbend	90	35	59.6	4.01	
Brighton	107	52	81.9	1.61		St. George	97	31	67.3	T.		Stampede	92	30	53.8		
Brownwood	102	62	83.6	0.41		Scipio	89	35	63.2	0.68		Stillaquamish	98	33	57.1	2.90	
Burrell	110	68	89.2	1.52		Snowville	95	21	58.6	0.14		Sunnyside	104	35	66.6	0.14	
Camp Eagle Pass	106	50	80.2	1.33		Soldier Summit	99	58	80.5	0.00		Tacomat	95	43	59.5	2.02	
Chillicothe	99	55	82.3	0.10		Terrace	96	40	68.6	2.00		Union City	97	38	61.8	2.20	
Coleman	96	61	81.2	0.74		Thistle	92	42	68.0	0.02		Vashon	88	39	59.0	1.62	
College Station	106	57	84.1	0.58		Tooele	92	42	68.0	0.02		Waterville	101	33	60.8	0.39	
Colmesneil	101	68	84.9	1.77		Vernal	94	46	71.2	0.04		Wenatchee Lake	90	37	57.0		
Columbiat	103	53	81.8	0.50		<i>Vermont.</i>						West Ferdalet	95	43	60.4	2.52	
Corsicana	101	61	83.3	1.92		Brattleboro	92	39	64.7	1.33		<i>West Virginia.</i>					
Cuerot	101	61	83.3	1.92		Burlington	89	39	67.2	3.33		Beckley	90	37	67.3	3.98	
Dallas	103	53	81.8	0.50		Chelsea	83	39	59.8	1.78		Beverly	88	46	69.3	5.04	
Danevang	101	61	83.3	1.92		Cornwall	89	43	64.0	2.41		Bloomery	87	39	64.9	4.05	
Dean	104	50	77.7	1.13		Hartland	85	35	60.5	2.60		Buckhannon	88	43	65.9	4.77	
Dublin	103	54	83.6	1.58		Jacksonville	85	34	59.7	1.85		Buckhannon	88	43	65.9		
Durham	106	68	87.6	0.42		Norwich	88	36	60.5	2.28		Burlington	90	41	68.2	5.41	
Duval	104	54	82.7	1.03		St. Johnsbury	84	37	61.8	2.42		Charleston				4.81	
Estelle	101	54	81.6	0.71		Strafford	82	44	61.1	1.88		Dayton				5.53	
Forestburg	101	66	84.0	0.85		Vernon	90	48	66.9	1.13		Elkhorn	88	47	68.9	6.69	
Fort Brown	109	66	87.1	1.02		Wells	88	40	64.0	2.88		Ella	89	50	69.7	2.11	
Fort Clark	104	67	86.7	0.75		Woodstock	90	37	63.2	2.34		Fairmont				4.59	
Fort McIntosh	107	65	86.2	4.03		<i>Virginia.</i>						Glenville	87	45	69.4	6.11	
Fort Stockton	105	56	85.4	1.02		Alleghany	89	52	67.3			Grafton	90	43	69.2	4.01	
Fort Worth	99	59	83.8	1.43		Ashland	95	49	72.1	3.67		Green Sulphur	89	52	70.8	4.38	
Fredericksburg	100	54	82.3	2.27		Bigstone Gap	88	43	68.8	3.77		Harpers Ferry				5.25	
Gainesville	99	60	82.0	0.30		Birdsnest	90	63	74.9	1.35		Hewett	91	53	71.8	7.57	
Georgetown	96	60	82.0	0.15		Blacksburg	85	43	67.3	5.38		Hinton				5.87	
Golindo	106	48	84.6	2.38		Buckingham	90	50	71.0	4.41		Hinton	89	51	71.2		
Graham	104	55	82.2	1.84		Burkes Garden	88	42	65.0	6.81		Leachtown				3.25	
Grapevine	192	54	79.0	3.65		Callaville	91	53	72.9	5.91		Marlinton	86	51	69.7	3.71	
Hale Center	103	60	84.6	0.66		Christiansburg				3.76		Martinsburg	91	48	69.8	7.54	
Hallettsville	106	45	78.2	0.90		Clarksville				3.17		Monarch	88	54	69.0	9.86	
Happy	108	52	86.5	T.		Dale Enterprise	88	45	68.0	5.17		Morgantown				3.74	
Haskell	101	61	84.6	0.25		Danville				4.60		Morgantown	90	42	70.0	4.16	
Hearnet	107	62	86.0	0.40		Fredericksburg	91	53	72.3	5.41		New Martinsville	90	45	69.8	6.81	
Henrietta	101	66	83.2	1.21		Goshen	88	50	70.2			Nuttallburg	90	43	67.2	7.40	
Hewitt	101	56	83.9	0.45		Grahams Forge	85	44	67.2	5.05		Oldfields	92	42	69.4	3.41	
Houston	101	66	84.0	0.85		Hampton	88	62	74.5	7.24		Pennsboro	91	44	68.2	6.71	
Huntsville	101	56	83.9	0.45		Hot Springs	80	44	63.9	3.79		Philippi	91	49	71.2	4.71	
Kent	101	52	81.2	1.04		Lexington	89	50	70.6	4.31		Point Pleasant	94	48	72.8	3.08	
Kerrville	105	48	83.6	0.25		Maidens	92	62	76.0			Powellton	88	49	70.0	8.30	
Lampasas	101	57	82.0	0.73		Manassas	94	44	71.6	4.68		Rowlesburg				6.61	
Leakey	105	57	88.4	0.00		Marion	88	46	69.5	6.54		Sandyville	92	45	70.8	3.04	
Llano	103	55	83.1	3.41		Monterey	88	40	66.3	7.98		Sponcer	95	50	71.3	2.91	
Longview	104	63	84.1	2.54		Petersburg	90	56	74.0	5.90		Tannery	84	46	65.0		
Lufkin	101	58	84.5	0.10		Quantico	82	51	71.6			Weston				7.08	
Luling	107	55	83.6	0.28		Radford				3.84		Weston	92	50	71.9		
Mann	108	66	84.6	1.05		Richmond (near)	96	54	73.1	6.11		Wheeling				5.63	
Menardville	104	50	81.2	0.19		Rocky Mount	91	55	72.2	5.24		Wheeling	91	48	72.4	5.89	
Mount Blanco	99	60	83.4	0.12		Rural Retreat	85	43	68.5	6.51		White Sulphur Springs	90	41	68.0	5.08	
New Braunfels	107	62	86.0	0.71		Salem	87	54	70.4	4.79		<i>Wisconsin.</i>					
Orange	102	60	81.6	0.29		Saltville	86	45	69.6	5.37		Amherst	87	37	66.1	6.20	
Panther	108	59	84.6	0.41		Smithville	89	56	72.3	3.34		Antigo	90	29	64.9	3.07	
Paris	108	59	84.6	0.41		Spottsville	92	54	73.8	5.78		Apollonia	95	35	70.0	4.35	
Point Isabel	108	59	84.6	0.41		Stanardsville	88	50	69.1	3.13		Bayfield	95	40	63.0		
Rheinland	111	55	80.0	1.64		Staunton	88	48	69.6	6.58		Beloit	91	49	69.1	3.15	
Roby	98																

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Wisconsin—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Deperet	87	30	66.6	3.84		Viroqua	87	44	67.7	6.83	
Eau Claire ¹	90*	36	71.3	6.25		Wafertown†	94	42	68.4	2.13	
Florence†	86	30	62.6	1.83		Waukesha†	89	46	67.3	2.59	
Fond du Lac†	86	39	66.8	3.44		Waupaca†	89	39	68.4	4.44	
Grand River Lock				3.33		Wausau†	87	37	67.2	5.02	
Grantsburg†	92	46	67.6	3.47		Westbend	88	40	66.5	1.97	
Hartford				2.36		Westfield†	90	42	68.2	4.37	
Harvey†	96	44	67.7	2.16		Whitehall†	88	34	65.5	4.35	
Hayward†				3.21		<i>Wyoming.</i>					
Hillsboro	93	41	66.0	3.38		Bighorn Ranch†	80	27	58.2	0.63	
Koepenick**†	86	48	67.9	1.90		Fort Laramie†	98	41	67.0	2.34	
Lancaster†	89	43	67.8	3.94		Fort Washakie	88	35	61.8	0.60	
Lincoln† ²				3.90		Fort Yellowstone	85	32	56.3	0.73	
Madison†	82	49	68.8	2.69		Laramie	84	32	58.9	2.72	
Manitowoc†				1.88		Lusk†	95	35	66.0	2.27	
Meadow Valley†	84	41	64.0	2.70		Sheridan	93	34	63.8	0.74	
Medford†	94	29	66.3	4.10		Sundance	88	40	62.6	3.45	
Menasha				3.16		<i>Mexico.</i>					
Neillsville†	88	36	66.0	3.21		Ciudad P. Diaz	102	72	87.4	1.52	
New Holstein	89	38	66.2	3.14		Leon de Aldamas	93	50	73.4	1.56	
New London	85	40	66.4	5.14		Mexico	84	43	66.8	1.21	
Oconomowoc†	91	40	67.7	1.91		Puebla	86	50	65.8	5.78	
Oconto	91	39	65.6	2.46		Topolobampo*†	92	30	85.1	0.08	
Oscoda†	93	33	66.2	6.63		<i>New Brunswick.</i>					
Oshkosh†	84	44	66.4	2.20		St. John	74	43	58.5	3.17	
Pepin	90	42	67.4	4.64		<i>West Indies.</i>					
Pine River†	89	42	67.3	4.12		Grand Turk Island				0.83	
Portage†	92	44	69.0	3.15							
Port Washington	90	43	65.8	2.93							
Prairie du Chien	92	35	66.8	4.53							
Racine	91	44	66.3	1.92							
Sharon†	91	43	66.3	3.09							
Shawano	86	35	65.6	2.36							
Spoonert	96	38	64.7	3.99							
Stevens Point†	88	39	67.5	5.20							
Sturgeon Bay Canal	86	40	63.4								
Valley Junction†	87	36	65.9	3.04							

dino County, Cal., at elevations varying from 4,900 to 6,900 feet.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

⁶ Mean of readings at various hours reduced to true daily mean by special tables.

⁷ Mean from hourly readings of thermograph.

⁸ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 3.

⁹ Mean of sunrise and noon.

¹⁰ Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance, "a" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTIONS.

May, 1896, Table II, North Dakota, Batteau should be Bottineau.

March, 1896, page 79, line 10 from the bottom, for 6 p. m., read 3.30 p. m.

April, 1896, page 107, lines 3 and 4 from the bottom, for "middle Slope, 16.5, and Missouri Valley, 14.6," substitute "Ohio Valley and Tennessee, 6.9; lower Lake, 6.7; upper Mississippi, 5.8;" also line 2 from the bottom, for "Florida Peninsula, 9.7; east Gulf, 4.8," substitute "middle Plateau, 6.0; middle Pacific and south Pacific, 4.5."

May, 1896, page 148, line 31 from the bottom, add the following: "The greatest negative departures were: Northern Plateau, 6.6; middle Plateau, 5.8.

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

† Weather Bureau instruments.

‡ Record furnished by the Arrowhead Reservoir Company, in the San Bernardino Mountains, San Bernar-

TABLE III.—Data from Canadian stations for the month of June, 1896.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.		
	Inches.	Inches.	Inches.	°	°	Inches.	Inches.		
St. Johns, N. F.	29.76	29.90	— .07	51.0	— 0.4	4.18	.....	w.	0.0
Sydney, C. B. I.	29.83	29.89	— .04	55.4	+ 0.9	3.47	— 0.23	sw.	0.0
Grindstone, G. St. L.	29.79	29.82	.....	51.9	.....	2.35	.....	sw.	0.0
Halifax, N. S.	29.81	29.94	.00	57.8	+ 0.3	4.96	.....	w.	0.0
Grand Manan, N. B.	29.86	29.91	.....	56.4	.....	3.57	+ 1.27	w.	0.0
Yarmouth, N. S.	29.86	29.94	+ .01	54.4	— 0.6	3.51	+ 1.37	nw.	0.0
St. Andrews, N. B.	29.86	29.94	.....	57.8	.....	3.45	+ 0.98	nw.	0.0
Charlottetown, P. E. I.	29.83	29.87	.....	57.0	.....	3.78	+ 1.03	sw.	0.0
Chatham, N. B.	29.86	29.88	— .02	59.4	+ 1.4	3.33	+ 0.96	w.	0.0
Father Point, Que.	29.83	29.86	.00	53.3	— 0.7	3.37	+ 0.68	w.	0.0
Quebec, Que.	29.56	29.88	.....	61.0	+ 0.5	1.52	+ 1.75	w.	0.0
Montreal, Que.	29.72	29.92	+ .01	63.6	+ 0.9	4.06	+ 0.87	sw.	0.0
Rockliffe, Ont.	29.42	29.92	+ .02	61.5	+ 3.5	2.40	— 0.35	nw.	0.0
Kingston, Ont.	29.64	29.95	+ .01	63.4	+ 1.4	1.67	— 0.73	sw.	0.0
Toronto, Ont.	29.59	29.97	+ .01	64.1	+ 2.6	1.11	— 1.61	n.	0.0
White River, Ont.	28.64	29.96	.....	60.2	+ 1.5	1.53	— 0.44	w.	0.0
Port Stanley, Ont.	29.36	29.99	+ .04	64.8	.....	3.49	+ 0.47	e.	0.0
Saugeen, Ont.	29.26	29.96	+ .02	63.0	+ 4.0	1.42	— 0.95	n.	0.0

TABLE III.—Data from Canadian stations—Continued.

Stations.	Pressure.			Temperature.		Precipitation.		Prevailing direction of wind.	Total depth of snow.
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.		
	Inches.	Inches.	Inches.	°	°	Inches.	Inches.		
Parry Sound, Ont.	29.23	29.96	+ .03	63.2	+ 4.2	0.92	— 1.29	nw.	0.0
Port Arthur, Ont.	29.26	29.94	+ .03	59.3	+ 3.3	2.04	— 0.77	ne.	0.0
Winnipeg, Man.	29.09	29.89	— .04	65.0	+ 3.5	3.96	+ 0.12	se.	0.0
Minnedosa, Man.	28.13	29.88	.....	62.6	+ 3.1	2.93	— 0.86	w.	0.0
Qu'Appelle, Assin.	27.66	29.86	.....	60.4	+ 0.6	4.52	+ 1.17	s.	0.0
Medicine Hat, Assin.	27.60	29.83	.....	66.2	+ 2.7	1.59	— 1.44	s.	0.0
Swift Curr't, Assin.	27.36	29.87	.....	62.8	+ 4.8	1.40	— 2.15	w.	0.0
Calgary, Alberta.	26.39	29.84	.....	52.2	+ 3.7	1.22	— 1.12	w.	0.0
Prince Albert, Sask.	28.31	29.79	.....	59.0	.....	2.40	.....	nw.	0.0
Edmonton, Alberta.	27.59	29.88	+ .06	57.8	+ 1.3	2.62	+ 0.43	nw.	0.0
Battleford, Sask.	28.18	29.87	.....	60.9	.....	2.26	.....	nw.	0.0
Spences Br'ge, B. C.	29.16	29.96	.....	65.9	.....	T.	.....	sw.	0.0
Hamilton, Bermuda.	30.00	30.16	+ .04	75.6	.....	4.09	.....	s.	0.0
Banff, Alberta.	25.40	29.97	.....	52.6	.....	0.80	.....	sw.	T.
Esquimalt, B. C.	30.02	30.05	.....	54.2	.....	0.69	.....	sw.	0.0
Ottawa, Ont.	29.61	29.96	.....	63.9	.....	3.34	.....	w.	0.0
May, 1896.									
Medicine Hat, Assin.	27.53	29.82	— .04	51.0	— 4.5	3.10	+ 1.94	s.	0.0

TABLE IV.—Meteorological observations at Honolulu, Republic of Hawaii, by Curtis J. Lyons, Meteorologist to the Government Survey.

Pressure is corrected for temperature and reduced to sea level, but the gravity correction, —0.06, is still to be applied.
 The absolute humidity is expressed in grains of water, per cubic foot, and is the average of four observations daily.
 The average direction and force of the wind and the average cloudiness for the whole day are given unless they have varied more than usual, in which case the extremes are given. The scale of wind force is 0 to 10. Two directions of wind, connected by a dash, indicate change from one to the other; also same for force.
 The rainfall for twenty-four hours is given as measured at 6 a. m. on the respective dates.

June, 1896.	Pressure at sea level.			Temperature.				Humidity.			Wind.		Cloudiness.	Rain measured at 6 a. m.	
	9 a. m.	3 p. m.	9 p. m.	6 a. m.	2 p. m.	9 p. m.	Maximum.	Minimum.	9 a. m.	9 p. m.	Absolute.	Direction.			Force.
	Inches.	Inches.	Inches.	°	°	°	°	°	%	%				Inches.	
1..	30.17	30.12	30.17	72	77	73	78	71	73	71	6.4	ene.	5	7-3	0.03
2..	30.18	30.09	30.16	70	73	74	80	69	66	66	6.4	ne.	3	3	0.02
3..	30.16	30.08	30.13	72	80	75	80	70	60	63	6.3	ne.	5	0.01	0.00
4..	30.16	30.08	30.12	73	80	74	81	72	66	66	6.2	ne.	4	5	0.00
5..	30.16	30.10	30.18	71	78	74	81	69	67	74	7.0	nne.	4	7	0.00
6..	30.16	30.11	30.16	72	79	76	80	69	57	66	6.5	nne.	3	3	0.12
7..	30.17	30.11	30.17	73	79	77	78	73	82	63	6.8	ene.	6	10	0.06
8..	30.16	30.10	30.16	72	76	75	79	71	71	74	7.1	ne.	6	5	0.08
9..	30.15	30.08	30.11	73	79	76	80	72	66	66	6.6	ene.	3	3	0.06
10..	30.09	30.04	30.05	73	80	76	81	73	63	74	6.8	ne.	5	3	0.00
11..	30.06	30.01	30.08	78	78	74	81	71	63	74	6.5	nne.	5	7	0.02
12..	30.09	30.06	30.11	73	74	75	80	73	67	70	7.2	ne.	5	5	0.04

TABLE IV.—Meteorological observations at Honolulu—Continued.

June, 1896.	Pressure at sea level.			Temperature.				Humidity.			Wind.		Cloudiness.	Rain measured at 6 a. m.	
	9 a. m.	3 p. m.	9 p. m.	6 a. m.	2 p. m.	9 p. m.	Maximum.	Minimum.	9 a. m.	9 p. m.	Absolute.	Direction.			Force.
	Inches.	Inches.	Inches.	°	°	°	°	°	%	%				Inches.	
13..	30.12	30.09	30.12	74	79	75	80	73	66	66	6.3	ne.	4	4-8	0.08
14..	30.13	30.06	30.12	73	78	75	81	72	57	66	6.1	ne.	5	3	0.00
15..	30.15	30.12	30.17	66	77	72	78	68	66	73	6.3	nne.	5	7	0.12
16..	30.18	30.14	30.17	69	76	72	78	67	66	63	6.3	nne.	5	6	0.16
17..	30.16	30.09	30.12	72	79	72	79	69	77	64	6.4	nne.	4	2-4	0.23
18..	30.10	30.01	30.05	70	78	74	78	67	63	70	6.3	ne.	3	6-3	0.41
19..	30.05	29.99	30.04	69	79	75	79	67	66	70	6.7	ne.	1-4	5	0.07
20..	30.07	30.04	30.09	73	80	76	81	72	63	66	6.3	ne.	3-4	2-5	0.00
21..	30.05	30.05	30.10	72	80	76	82	71	74	70	6.8	ne.	1-3	3	0.02
22..	30.10	30.02	30.08	74	81	74	82	71	74	78	7.1	ne.	3	3	0.02
23..	30.11	30.04	30.08	71	81	74	83	66	64	74	6.9	ene.	1-3	2	0.00
24..	30.10	30.06	30.12	74	80	76	81	73	63	66	6.5	ene.	4	2	0.00
25..	30.16	30.12	30.15	74	80	76	82	73	63	66	6.4	ene.	3-5	3	0.00
26..	30.16	30.11	30.16	74	79	75	81	74	66	64	6.4	ne.	3-5	3	0.00
27..	30.16	30.04	30.08	74	78	74	81	74	64	74	6.9	ne.	5	3	0.00
28..	30.10	30.05	30.12	74	78	75	82	74	60	66	6.3	ne.	5	4	0.00
29..	30.09	30.08	30.10	73	79	74	81	70	63	66	6.3	ne.	3	4	0.04
30..	30.10	30.05	30.10	73	80	75	85	72	65	74	6.5	ne.	4	3	0.00

Mean temperature: 6+2+9+3 is 75.2; the normal is 73.0; extreme temperatures, 83° and 66°.

TABLE V.—Mean temperature for each hour of seventy-fifth meridian time, June, 1896.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Bismarck, N. Dak.....	60.0	58.8	57.4	56.5	55.7	54.7	55.6	58.4	61.2	65.3	67.8	70.3	72.2	74.1	75.4	76.4	77.0	76.9	75.6	74.1	70.7	67.2	64.5	62.0	66.2
Boston, Mass.....	61.7	61.0	60.1	59.6	59.3	60.0	61.9	63.9	65.7	66.8	68.2	69.8	70.7	71.4	71.1	71.2	71.1	70.1	68.7	66.5	65.5	64.5	63.6	62.8	65.6
Buffalo, N. Y.....	62.6	61.9	60.8	60.3	60.2	60.9	63.0	64.5	66.0	66.9	68.4	69.7	70.2	70.9	71.1	71.8	71.4	70.8	70.2	68.6	67.1	66.2	65.3	64.2	66.4
Chicago, Ill.....	64.9	64.5	64.0	63.5	62.8	62.4	63.1	64.6	65.6	66.7	67.7	68.0	68.0	67.9	68.9	69.1	69.3	69.1	68.7	68.1	67.3	66.9	66.5	66.1	66.4
Cincinnati, Ohio.....	69.8	68.5	67.7	67.0	66.3	66.1	66.6	68.2	70.9	73.3	75.2	76.8	78.1	78.8	79.1	79.0	79.2	78.9	78.1	77.2	75.0	73.3	72.1	70.8	73.2
Cleveland, Ohio.....	64.0	63.4	62.2	61.5	61.0	61.3	63.0	65.7	68.1	69.7	69.8	70.1	70.8	71.5	71.3	71.6	71.5	71.2	70.8	70.0	69.0	67.9	66.2	65.3	67.4
Detroit, Mich.....	63.2	62.8	61.7	61.0	60.5	60.2	62.0	64.5	66.9	68.7	70.6	71.9	72.7	74.0	74.1	74.3	74.2	73.0	72.3	70.5	68.4	67.0	65.8	64.7	67.7
Dodge City, Kans.....	69.5	68.6	66.9	66.3	65.3	64.6	64.1	65.5	69.8	73.0	76.8	80.1	82.7	84.5	86.1	87.5	88.3	88.2	87.1	85.2	81.1	77.3	74.7	72.0	76.1
Eastport, Me.....	51.0	50.3	49.7	49.6	49.9	51.2	53.5	55.4	57.4	58.1	58.8	59.3	60.0	61.3	61.2	61.1	59.9	58.6	56.3	55.5	54.8	53.8	52.8	52.1	55.5
Galveston, Tex.....	80.7	80.5	80.4	79.9	79.7	79.4	79.2	79.9	80.7	81.6	82.9	83.7	83.9	84.3	84.5	84.3	84.2	83.8	83.5	82.7	82.2	81.6	81.3	81.0	81.9
Havre, Mont.....	59.5	57.7	55.9	54.6	53.0	51.9	51.1	53.2	57.3	60.6	64.7	67.8	70.6	72.6	74.3	75.2	75.9	76.4	75.5	74.9	73.7	69.4	64.7	61.8	64.6
Kansas City, Mo.....	69.2	68.5	67.3	66.7	65.9	65.1	65.4	66.5	68.7	70.9	72.7	74.8	76.4	77.8	78.3	79.1	79.7	79.3	78.4	76.9	75.0	73.1	71.9	70.8	73.8
Key West, Fla.....	80.2	80.2	80.2	80.2	80.2	80.2	81.2	82.5	83.4	83.8	84.4	84.8	84.9	84.6	84.5	84.4	84.4	83.4	82.6	81.7	81.3	81.0	80.9	80.5	82.3
Memphis, Tenn.....	72.9	71.9	71.4	70.9	70.2	69.8	70.6	72.2	74.5	76.5	78.8	80.4	81.8	82.7	83.0	82.5	82.7	82.5	81.6	80.2	77.4	76.0	74.8	73.7	76.9
New Orleans, La.....	75.8	75.9	75.2	74.9	74.8	74.6	74.9	76.2	78.0	79.9	81.0	82.0	81.9	82.7	83.2	83.4	82.9	82.6	81.5	80.4	79.1	78.1	77.3	76.6	78.6
New York, N. Y.....	63.0	62.5	61.8	61.6	61.2	61.5	62.9	63.6	65.5	66.8	67.5	68.6	69.6	70.0	70.6	70.4	69.8	68.7	67.5	67.2	65.8	65.2	64.5	63.8	65.8
Philadelphia, Pa.....	66.0	65.4	65.1	64.6	64.3	64.6	65.9	67.6	69.0	70.8	72.4	73.5	74.7	75.4	75.9	76.1	76.1	75.5	73.6	71.7	70.2	68.6	67.6	66.7	70.1
Pittsburg, Pa.....	65.8	65.0	64.3	63.6	63.1	63.0	64.3	67.4	69.3	71.4	73.5	75.1	76.0	76.6	76.3	76.6	76.3	75.6	73.7	72.4	70.9	69.5	68.3	67.0	70.2
Portland, Oreg.....	59.6	58.4	57.2	56.1	54.6	53.4	52.7	52.7	53.2	54.4	56.2	57.9	59.8	61.8	64.0	65.6	67.0	68.2	68.8	69.0	67.7	66.0	64.0	62.0	60.5
St. Louis, Mo.....	70.4	69.9	69.0	68.5	67.9	67.8	68.4	69.9	71.3	72.8	74.9	76.6	78.0	81.9	82.7	83.2	83.4	82.9	82.6	81.5	80.2	79.1	78.1	77.3	74.0
St. Paul, Minn.....	64.1	63.1	61.9	61.0	60.1	59.5	60.4	62.9	65.7	68.2	70.4	72.0	73.8	74.6	75.1	75.3	74.7	74.1	73.6	71.9	70.0	68.0	66.1	64.8	68.4
Salt Lake City, Utah.....	67.7	67.3	65.6	64.4	63.3	61.9	60.5	61.0	64.1	67.5	71.1	74.0	76.3	78.1	79.1	79.5	79.5	79.9	80.1	80.0	78.0	74.2	71.5	70.3	71.4
San Diego, Cal.....	62.4	62.0	61.9	61.8	61.8	61.7	61.5	61.0	61.6	62.3	64.0	65.8	66.5	67.2	67.4	67.2	67.4	67.5	67.0	66.8	65.7	64.7	63.4	62.8	64.2
San Francisco, Cal.....	53.1	52.8	52.7	52.2	52.1	51.7	51.7	51.8	52.5	54.1	56.4	58.3	60.1	60.5	61.1	61.1	60.9	60.5	59.6	58.9	57.3	55.9	54.1	53.8	56.0
Savannah, Ga.....	74.4	73.9	73.7	73.3	73.0	73.2	74.8	77.4	80.2	82.3	84.2	85.2	85.4	85.5	84.5	82.6	81.9	80.8	79.1	77.4	76.3	75.6	75.1	74.9	78.6
Washington, D. C....	66.8	66.1	65.0	64.2	63.5	64.1	65.9	67.7	70.1	72.2	74.0	75.5	76.9	77.8	78.2	77.3	76.3	75.8	74.1	72.0	70.5	69.2	68.4	67.7	70.8

TABLE VI.—Mean pressure for each hour of seventy-fifth meridian time, June, 1896.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Bismarck, N. Dak...	28.188	.188	.191	.198	.192	.198	.206	.207	.210	.211	.207	.204	.200	.191	.180	.169	.159	.151	.148	.149	.153	.162	.174	.183	.184
Boston, Mass.....	29.819	.816	.815	.821	.833	.840	.845	.846	.841	.840	.834	.825	.816	.809	.808	.797	.797	.795	.804	.814	.824	.829	.832	.834	.832
Buffalo, N. Y.....	29.155	.151	.150	.157	.160	.167	.175	.178	.178	.179	.177	.174	.164	.155	.149	.141	.138	.138	.143	.146	.157	.162	.164	.163	.159
Chicago, Ill.....	29.107	.100	.096	.097	.102	.112	.122	.139	.135	.137	.139	.141	.133	.129	.120	.110	.105	.099	.098	.094	.099	.108	.112	.114	.114
Cincinnati, Ohio.....	29.325	.321	.322	.324	.333	.340	.352	.360	.360	.358	.358	.353	.338	.330	.313	.307	.299	.296	.303	.308	.323	.334	.339	.337	.331
Cleveland, Ohio.....	29.190	.189	.190	.195	.201	.206	.216	.221	.221	.219	.220	.219	.213	.199	.190	.178	.171	.174	.175	.182	.189	.195	.199	.197	.198
Detroit, Mich.....	29.206	.203	.203	.204	.209	.218	.224	.234	.237	.238	.238	.234	.222	.213	.203	.195	.185	.183	.186	.188	.196	.205	.209	.213	.210
Dodge City, Kans.....	27.403	.404	.408	.408	.403	.415	.420	.428	.440	.443	.439	.434	.423	.406	.388	.368	.353	.340	.334	.334	.348	.365	.383	.398	.395
Eastport, Me.....	29.820	.819	.818	.824	.834	.840	.845	.848	.839	.834	.830	.822	.814	.807	.804	.802	.805	.810	.816	.822	.830	.831	.832	.832	.834
Galveston, Tex.....	29.955	.951	.948	.945	.950	.958	.966	.977	.984	.984	.984	.985	.979	.970	.956	.941	.927	.918	.926	.936	.948	.959	.962	.962	.956
Havre, Mont.....	27.321	.320	.320	.323	.326	.329	.334	.342	.349	.353	.352	.345	.336	.326	.317	.308	.298	.291	.281	.276	.278	.290	.306	.316	.318
Kansas City, Mo.....	28.999	.998	.993	.992	.002	.011	.023	.029	.041	.040	.033	.035	.028	.018	.008	.998	.986	.978	.972	.975	.979	.989	.999	.008	.006
Key West, Fla.....	30.011	.000	.992	.991	.995	.001	.014	.025	.031	.033	.033	.028	.019	.010	.997	.986	.982	.967	.001	.014	.022	.028	.032	.025	.011
Memphis, Tenn.....	29.568	.563	.559	.561	.566	.575	.586	.597	.607	.610	.613	.611	.600	.586	.575	.563	.551	.550	.552	.560	.567	.576	.584	.583	.578
New Orleans, La.....	29.944	.938	.935	.937	.944	.952	.965	.971	.981	.979	.979	.975	.965	.953	.939	.929	.921	.914	.919	.930	.934	.947	.955	.956	.948
New York, N. Y.....	29.652	.648	.648	.648	.654	.661	.669	.672	.668	.668	.665	.660	.651	.643	.636	.630	.628	.633	.638	.643	.656	.663	.667	.667	.653
Philadelphia, Pa.....	29.864	.864	.864	.867	.874	.878	.884	.891	.890	.890	.885	.879	.868	.858	.849	.842	.836	.841	.851	.858	.870	.877	.879	.878	.868
Pittsburg, Pa.....	29.117	.116	.115	.114	.121	.128	.139	.144	.145	.142	.137	.132	.121	.112	.103	.097	.089	.089	.096	.101	.105	.112	.118	.121	.117
Portland, Oreg.....	29.902	.908	.911	.912	.913	.915	.919	.925	.929	.931	.932														

TABLE VII.—Average wind movement for each hour of seventy-fifth meridian time, June, 1896.

Table with columns for Stations and hours from 1 a.m. to Mean. Rows list various cities such as Abilene, Albany, Alpena, Amarillo, Atlanta, Augusta, Baker City, Baltimore, Bismarck, Block Island, Boston, Buffalo, Cairo, Cape Henry, Charleston, Charlotte, Chattanooga, Cheyenne, Chicago, Cincinnati, Cleveland, Columbia, Columbus, Concordia, Corpus Christi, Davenport, Denver, Des Moines, Detroit, Dodge City, Dubuque, Duluth, Eastport, El Paso, Erie, Eureka, Fort Canby, Fort Smith, Fresno, Galveston, Grand Haven, Greenbay, Hannibal, Harrisburg, Hatteras, Havre, Helena, Huron, Idaho Falls, Indianapolis, Jacksonville, Jupiter, Kansas City, Keokuk, Key West, Kittyhawk, Knoxville, La Crosse, Lander, Lexington, Little Rock, Los Angeles, Louisville, Lynchburg, Marquette, Memphis, Meridian, Miles City, Milwaukee, Minneapolis, Mobile, Montgomery, Moorhead, Nantucket, Nashville, New Haven, New Orleans, New York, Norfolk, Northfield, North Platte, Oklahoma, Omaha, Oswego, and Palestine.

TABLE VII.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Parkersburg, W. Va.	2.7	2.2	2.0	1.8	1.6	1.7	2.1	2.9	3.6	4.4	4.3	5.4	5.6	6.1	6.2	6.5	6.4	5.6	4.1	3.0	2.5	2.5	1.8	2.2	3.7
Pensacola, Fla.	6.7	8.5	8.4	8.2	8.0	8.0	8.1	8.6	8.9	8.5	8.6	9.0	9.4	11.0	10.8	11.8	12.4	11.6	11.6	9.0	8.4	7.7	7.2	7.5	9.2
Philadelphia, Pa.	7.5	7.5	7.1	6.7	6.8	7.3	7.5	8.9	8.6	9.6	10.0	10.2	10.3	11.0	11.0	11.1	10.8	10.2	9.4	9.2	8.5	8.3	8.0	7.6	8.9
Phoenix, Ariz.	3.9	3.6	3.5	3.3	4.1	4.0	4.6	5.6	5.4	5.4	4.8	5.5	5.0	5.1	5.3	5.5	6.1	6.8	7.4	7.1	5.3	4.6	4.3	4.6	5.1
Pierre, S. Dak.	10.6	10.0	8.3	7.8	7.3	7.3	7.4	7.7	8.9	9.6	11.3	11.4	12.0	13.4	13.2	13.7	14.0	13.7	13.9	13.0	11.7	11.1	10.8	10.8	10.8
Pittsburg, Pa.	3.1	2.6	2.8	3.0	2.9	3.1	3.5	4.2	4.9	5.7	6.1	6.7	6.9	7.4	8.0	7.8	7.7	6.3	6.3	4.7	4.2	3.4	3.3	3.1	4.9
Port Angeles, Wash.	6.0	6.4	6.5	6.4	5.9	5.8	5.3	5.1	3.8	3.2	5.3	6.6	7.6	7.5	8.3	8.3	9.1	9.8	10.4	11.9	11.4	9.9	7.7	6.7	7.3
Port Huron, Mich.	7.6	7.2	7.2	7.1	6.7	6.6	6.8	7.8	8.1	9.5	9.6	10.0	10.7	10.7	10.6	10.7	10.0	9.7	7.7	6.6	6.6	7.4	7.2	7.0	8.3
Portland, Me.	5.3	5.4	5.3	5.2	5.5	5.3	5.7	6.8	7.6	8.2	8.2	9.8	10.6	10.7	10.2	10.3	10.0	8.6	7.5	6.8	6.9	6.2	6.2	5.8	7.5
Portland, Oreg.	8.1	8.2	7.0	5.8	6.0	5.6	6.6	6.6	6.5	6.8	8.1	8.3	8.7	8.1	8.3	8.7	9.0	8.6	9.0	9.1	9.4	9.0	8.1	8.6	7.8
Pueblo, Colo.	7.7	6.8	5.1	4.9	5.4	6.2	6.1	5.2	4.8	4.9	5.9	5.9	7.1	8.3	10.1	10.5	12.1	12.2	12.7	12.5	10.6	10.8	10.2	8.6	8.1
Raleigh, N. C.	3.8	4.4	4.1	4.2	4.2	4.0	4.6	5.8	6.0	5.8	5.8	5.9	6.0	6.0	6.4	6.2	6.2	5.9	5.0	3.8	3.5	4.2	3.9	4.1	5.0
Rapid City, S. Dak.	8.5	7.9	7.5	7.7	8.3	8.1	8.5	9.2	9.4	9.9	11.3	12.6	14.6	15.1	14.3	13.7	13.8	13.8	13.9	12.5	10.8	8.7	7.8	7.9	10.6
Red bluff, Cal.	7.6	7.7	6.9	6.6	6.3	6.6	6.2	5.8	6.1	6.9	7.9	8.1	8.2	7.7	7.5	7.8	7.9	8.3	8.1	8.1	8.2	8.3	7.3	7.9	7.4
Rochester, N. Y.	5.2	5.8	5.5	5.7	5.9	5.7	6.2	6.9	7.1	7.5	8.1	8.4	9.1	9.3	9.8	9.2	8.7	8.5	7.5	6.4	5.5	5.2	5.2	5.1	7.0
Roseburg, Oreg.	3.3	2.5	2.2	1.5	1.7	1.8	1.7	1.6	2.0	2.4	3.6	4.5	4.4	5.0	5.6	6.2	6.5	7.7	8.2	9.1	9.1	8.8	6.6	4.5	4.6
Sacramento, Cal.	9.9	9.0	9.1	9.4	9.8	9.3	9.3	8.9	8.6	8.4	8.3	8.7	9.0	9.0	9.4	9.3	9.4	9.8	10.4	11.6	11.9	11.2	10.6	10.1	9.6
St. Louis, Mo.	6.9	7.2	7.0	6.8	6.6	6.9	7.3	7.8	8.5	8.6	8.9	9.2	9.5	9.8	9.5	9.9	9.9	9.7	9.3	7.9	7.6	7.4	7.1	6.9	8.2
St. Paul, Minn.	3.7	3.8	3.8	3.8	4.2	4.0	4.5	4.9	5.8	6.9	8.2	8.8	9.3	10.1	10.4	10.0	9.4	8.9	7.9	7.0	5.3	5.0	4.7	4.7	6.5
Salt Lake City, Utah.	5.3	5.5	5.3	4.9	4.4	4.6	4.5	4.1	3.8	4.1	3.8	4.1	4.7	5.1	6.5	7.4	7.9	8.0	8.3	7.5	7.4	7.1	5.8	6.3	5.4
San Antonio, Tex.	9.4	7.4	6.3	5.2	4.7	5.0	5.2	5.1	6.2	7.7	6.9	7.3	7.2	7.7	7.8	8.0	8.5	8.8	9.7	9.8	9.6	12.3	12.5	11.1	7.9
San Diego, Cal.	2.7	2.5	2.2	2.2	2.2	2.5	3.0	2.6	2.5	3.1	4.0	5.7	7.6	8.9	9.9	10.2	9.8	9.9	8.8	8.1	6.8	5.1	4.5	3.4	5.3
Sandusky, Ohio	5.9	5.6	5.4	5.4	6.7	7.0	7.1	6.4	6.8	6.8	7.5	7.8	8.3	8.4	8.2	9.2	8.8	8.4	7.8	6.9	6.4	6.4	6.4	6.0	7.1
San Francisco, Cal.	12.9	12.2	11.4	10.5	9.9	9.0	8.0	7.5	6.9	7.3	8.1	8.5	10.3	13.7	16.8	19.2	22.8	23.5	24.0	23.9	23.0	20.7	18.2	14.6	14.3
San Luis Obispo, Cal.	2.9	3.0	2.6	2.7	2.9	2.7	2.8	3.2	3.1	3.8	4.1	4.7	5.1	6.5	7.4	7.9	8.0	8.3	7.5	7.4	7.1	5.8	4.6	3.7	4.9
Santa Fe, N. Mex.	7.7	6.9	6.1	5.6	5.4	4.6	4.3	3.9	3.7	4.4	6.2	7.3	8.2	9.4	10.0	10.1	10.8	9.8	9.9	10.1	9.6	7.9	7.9	8.2	7.4
Sault Ste Marie, Mich.	4.9	4.8	5.2	5.5	5.0	4.4	4.1	5.4	6.6	7.8	8.4	10.0	11.1	10.9	11.5	11.5	11.2	10.5	9.6	7.7	6.7	5.2	5.3	5.2	7.4
Savannah, Ga.	5.3	4.7	4.7	4.8	5.0	4.9	5.1	5.8	6.3	6.4	6.7	6.5	7.2	8.1	9.0	9.4	8.6	9.1	8.8	7.4	6.3	5.9	5.1	4.9	6.5
Seattle, Wash.	4.3	4.1	4.1	4.2	4.1	4.0	3.7	3.3	3.8	4.0	4.4	4.9	5.6	6.2	6.8	6.4	6.3	6.3	6.7	7.1	7.2	7.0	6.4	5.5	5.3
Shreveport, La.	5.9	5.4	4.8	4.4	4.3	4.1	4.2	4.8	5.4	6.3	6.0	6.2	6.3	7.1	6.6	6.1	6.9	7.6	7.4	6.1	5.0	5.2	5.9	5.7	5.8
Sioux City, Iowa	6.6	7.6	7.3	7.0	6.8	7.1	6.7	7.4	8.5	10.0	11.8	13.1	13.0	13.6	12.9	13.0	13.5	12.4	11.0	10.5	8.2	7.5	7.0	7.1	9.6
Spokane, Wash.	4.6	3.8	3.4	3.6	3.8	3.6	3.8	3.6	4.9	5.6	7.1	7.4	8.0	7.6	7.9	8.4	8.4	8.5	8.3	8.4	7.8	7.4	5.8	5.8	4.1
Springfield, Ill.	6.4	6.6	6.3	6.1	6.3	6.4	6.0	6.7	7.4	8.1	8.4	8.9	8.8	9.2	9.3	9.0	9.2	9.3	7.7	6.1	5.5	5.7	5.4	5.6	7.3
Springfield, Mo.	7.3	7.4	7.1	7.4	7.5	7.0	7.1	7.5	8.1	7.5	7.3	7.8	8.6	8.5	9.7	8.3	8.4	7.8	7.5	7.1	6.5	4.5	7.3	8.1	7.6
Tampa, Fla.	4.6	4.4	4.0	4.7	4.5	4.6	5.3	5.5	6.4	7.0	6.7	6.6	8.1	8.0	7.7	8.1	8.3	6.8	7.1	5.2	5.3	5.5	4.8	4.5	6.0
Tatoosh Island, Wash.	7.6	7.6	7.9	7.7	7.6	7.0	7.2	7.5	7.9	8.4	8.5	8.3	8.6	9.8	9.8	9.2	9.6	9.7	9.2	9.0	7.9	8.2	8.2	7.9	8.3
Toledo, Ohio	6.1	5.7	6.2	6.4	7.3	7.0	7.3	7.5	8.1	8.3	9.5	10.1	10.4	10.7	10.1	10.2	10.3	10.2	9.1	7.2	6.8	6.7	6.4	6.4	8.1
Vicksburg, Miss.	6.0	6.2	6.3	6.3	6.0	5.6	5.3	5.6	6.1	6.0	6.2	6.3	6.3	6.5	6.8	7.4	7.1	6.9	6.6	5.4	5.3	5.9	6.1	6.2	6.2
Vineyard Haven, Mass.	6.7	6.0	6.4	6.4	6.0	6.3	6.5	7.2	7.5	8.3	8.9	9.1	9.2	9.3	9.7	9.5	8.7	8.4	7.6	7.2	7.1	7.1	6.9	6.6	7.6
Walla Walla, Wash.	5.2	5.7	6.2	5.8	5.5	5.1	5.0	5.1	5.2	5.9	6.3	7.1	6.6	6.7	6.7	6.7	6.5	6.6	6.4	6.6	6.1	5.2	4.7	5.5	5.9
Washington, D. C.	3.9	4.0	4.3	3.9	3.8	3.7	4.6	5.3	6.1	6.5	6.3	6.8	7.4	6.9	7.1	7.1	7.4	5.7	5.5	4.5	3.6	3.4	3.5	4.0	5.2
Wichita, Kans.	5.8	5.6	5.2	5.2	5.0	4.7	5.4	5.4	6.4	7.4	7.9	8.8	8.8	9.0	8.2	9.0	9.0	8.7	8.0	7.1	5.9	5.6	5.5	5.7	6.8
Williston, N. Dak.	6.4	6.6	7.1	6.8	6.9	6.7	6.6	6.7	7.8	9.1	9.4	10.1	11.3	11.9	11.5	13.1	12.5	11.9	11.3	10.8	9.4	8.1	7.0	6.8	9.0
Wilmington, N. C.	5.7	5.9	5.5	5.3	4.8	5.2	5.5	6.5	7.2	7.1	7.9	7.8	9.7	10.4	10.4	10.8	10.6	10.0	8.3	7.4	6.5	5.6	5.4	5.5	7.3
Winnemucca, Nev.	8.5	8.3	8.9	9.2	9.1	8.5	8.0	7.9	7.5	8.5	9.8	10.6	10.3	12.2	11.7	12.4	12.6	12.7	12.9	12.0	9.8	9.8	7.3	7.8	10.0
Woods Hole, Mass.	12.9	12.1	11.6	11.5	11.5	10.9	11.5	11.2	11.4	12.0	12.8	14.0	14.9	15.0	15.1	16.0	15.1	13.6	13.8	12.5	11.7	13.0	12.7	13.4	12.9
Yuma, Ariz.	6.2	5.5	4.6	4.3	4.4	3.3	3.0	3.2	2.8	3.1	5.1	6.5	7.4	8.5	8.2	8.0	9.0	9.2	9.9	10.2	10.1	10.5	9.1	7.6	6.7

TABLE VIII.—Heights of rivers above low-water mark, June, 1896.

Stations.	Distance to mouth of river.	Danger point on gauge.	Highest water.		Lowest water.		Men stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger point on gauge.	Highest water.		Lowest water.		Men stage.	Monthly range.
			Height.	Date.	Height.	Date.						Height.	Date.	Height.			

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during June, 1896.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>							<i>Upper Lake Region—Cont'd.</i>						
Eastport, Me.	16	24	9	22	s. 58 w.	15	Milwaukee, Wis.	21	13	29	12	n. 65 e.	19
Portland, Me.	18	19	12	26	s. 86 w.	14	Greenbay, Wis.	13	24	20	14	s. 29 e.	12
Northfield, Vt.	23	30	5	11	s. 41 w.	9	Duluth, Minn.	29	7	24	17	n. 18 e.	23
Boston, Mass.	14	15	15	29	s. 86 w.	14	<i>North Dakota.</i>						
Nantucket, Mass.	12	25	7	31	s. 62 w.	27	Moorhead, Minn.	21	25	7	14	s. 60 w.	8
Woods Hole, Mass.*	3	19	8	11	s. 11 w.	16	Bismarck, N. Dak.	23	20	14	13	n. 18 e.	3
Block Island, R. I.	12	17	12	35	s. 78 w.	24	Williston, N. Dak.	20	20	16	14	e.	2
New Haven, Conn.	17	22	11	30	s. 61 w.	10	<i>Upper Mississippi Valley.</i>						
<i>Middle Atlantic States.</i>							St. Paul, Minn.	14	26	18	21	s. 14 w.	12
Albany, N. Y.	11	30	7	18	s. 30 w.	22	La Crosse, Wis.†	7	15	6	6	s.	8
New York, N. Y.	15	22	11	25	s. 63 w.	16	Davenport, Iowa	15	12	26	20	n. 63 e.	7
Harrisburg, Pa.	11	13	17	25	s. 76 w.	8	Des Moines, Iowa	20	22	15	16	s. 27 w.	2
Philadelphia, Pa.	20	19	9	37	n. 87 w.	18	Keokuk, Iowa	20	21	16	19	s. 72 w.	3
Baltimore, Md.	16	23	19	14	s. 36 e.	9	Cairo, Ill.	20	25	15	11	s. 39 e.	6
Washington, D. C.	18	24	15	13	s. 18 e.	6	Springfield, Ill.	13	21	14	22	s. 45 w.	11
Lynchburg, Va.	17	20	19	18	s. 18 e.	3	Hannibal, Mo.	16	25	15	20	s. 29 w.	10
Norfolk, Va.	12	21	24	12	s. 53 e.	15	St. Louis, Mo.	16	24	15	17	s. 14 w.	8
<i>South Atlantic States.</i>							<i>Missouri Valley.</i>						
Charlotte, N. C.	15	19	24	14	s. 68 e.	11	Columbia, Mo.*	9	10	12	7	s. 79 e.	5
Hatteras, N. C.	17	21	18	23	s. 51 w.	6	Kansas City, Mo.	18	21	22	15	s. 67 e.	8
Kittyhawk, N. C.	18	19	24	46	s. 83 e.	8	Springfield, Mo.	18	24	18	11	s. 49 e.	9
Raleigh, N. C.	21	19	16	19	n. 56 w.	4	Omaha, Nebr.	18	18	18	19	w.	1
Wilmington, N. C.	10	23	15	28	s. 45 w.	18	Sioux City, Iowa†	11	11	11	5	e.	6
Charleston, S. C.	9	31	19	18	s. 3 e.	32	Pierre, S. Dak.	15	32	27	13	s. 89 e.	22
Augusta, Ga.	17	15	21	20	n. 37 e.	2	Huron, S. Dak.	19	22	26	11	s. 79 e.	15
Savannah, Ga.	14	30	10	15	s. 17 w.	17	<i>Northern Slope.</i>						
Jacksonville, Fla.	10	27	22	13	s. 28 e.	19	Hayre, Mont.	22	14	7	30	n. 71 w.	24
<i>Florida Peninsula.</i>							Miles City, Mont.	18	17	21	17	s. 67 e.	4
Jupiter, Fla.	8	34	22	9	s. 27 e.	29	Helena, Mont.	6	23	6	40	s. 63 w.	38
Key West, Fla.	11	24	33	4	s. 66 e.	32	Rapid City, S. Dak.	14	22	12	23	s. 54 w.	14
Tampa, Fla.	12	18	25	18	s. 49 e.	9	Cheyenne, Wyo.	18	24	8	24	s. 69 w.	17
<i>Eastern Gulf States.</i>							Lander, Wyo.	21	16	14	25	n. 66 w.	12
Atlanta, Ga.	19	17	18	22	n. 63 w.	4	North Platte, Nebr.	12	24	22	14	s. 34 e.	14
Pensacola, Fla.	16	26	13	21	s. 39 w.	13	<i>Middle Slope.</i>						
Mobile, Ala.	20	26	14	16	s. 18 w.	6	Denver, Colo.	18	26	13	15	s. 14 w.	8
Montgomery, Ala.	15	19	17	24	s. 60 w.	8	Pueblo, Colo.	26	10	15	20	n. 17 w.	17
Meridian, Miss.	15	29	18	9	s. 33 e.	17	Concordia, Kans.	13	33	22	8	s. 35 e.	24
Vicksburg, Miss.	12	25	26	14	s. 43 e.	18	Dodge City, Kans.	12	31	32	2	s. 58 e.	36
New Orleans, La.	15	25	23	14	s. 42 e.	14	Wichita, Kans.	19	26	27	2	s. 74 e.	26
<i>Western Gulf States.</i>							Oklahoma, Okla.	16	27	27	4	s. 66 e.	27
Shreveport, La.	17	22	24	12	s. 67 e.	13	<i>Southern Slope.</i>						
Fort Smith, Ark.	16	6	33	14	n. 62 e.	22	Abilene, Tex.	9	36	24	7	s. 33 e.	32
Little Rock, Ark.	20	23	21	9	s. 76 e.	12	Amarillo, Tex.	11	31	19	5	s. 35 e.	24
Corpus Christi, Tex.	3	39	26	8	s. 27 e.	40	<i>Southern Plateau.</i>						
Galveston, Tex.	3	40	13	16	s. 5 w.	37	El Paso, Tex.	15	10	27	22	n. 45 e.	7
Palestine, Tex.	13	29	24	3	s. 3 e.	16	Santa Fe, N. Mex.	12	26	25	17	s. 30 e.	16
San Antonio, Tex.	9	30	25	7	s. 41 e.	28	Phoenix, Ariz.	6	25	9	30	s. 67 w.	23
<i>Ohio Valley and Tennessee.</i>							Yuma, Ariz.	11	21	11	32	s. 65 w.	23
Chattanooga, Tenn.	16	21	15	20	s. 45 w.	7	<i>Middle Plateau.</i>						
Knoxville, Tenn.	22	16	15	22	n. 49 w.	9	Carson City, Nev.	10	19	5	35	s. 73 w.	31
Memphis, Tenn.	21	18	20	16	n. 53 e.	5	Winnemucca, Nev.	12	21	15	26	s. 51 w.	14
Nashville, Tenn.	17	21	14	24	s. 68 w.	11	Salt Lake City, Utah.	22	15	25	15	n. 55 e.	12
Lexington, Ky.	10	30	12	18	s. 17 w.	21	<i>Northern Plateau.</i>						
Louisville, Ky.	20	26	8	17	s. 56 w.	11	Baker City, Oreg.	25	26	7	12	s. 79 w.	5
Indianapolis, Ind.	23	21	14	17	n. 56 w.	4	Idaho Falls, Idaho	20	29	6	11	s. 29 w.	10
Cincinnati, Ohio	17	15	25	17	n. 76 e.	8	Spokane, Wash.	4	30	12	25	s. 27 w.	29
Columbus, Ohio	14	20	24	16	s. 53 e.	10	Walla Walla, Wash.	9	35	7	14	s. 15 w.	27
Pittsburg, Pa.	25	15	10	24	n. 54 w.	17	<i>North Pacific Coast Region.</i>						
Parkersburg, W. Va.	13	21	18	16	s. 14 e.	8	Fort Canby, Wash.	24	16	10	21	n. 54 w.	14
<i>Lower Lake Region.</i>							Port Angeles, Wash.	4	25	5	33	s. 53 w.	35
Buffalo, N. Y.	13	20	15	29	s. 63 w.	16	Seattle, Wash.	23	20	13	15	n. 34 w.	4
Oswego, N. Y.	7	27	12	24	s. 31 w.	23	Tatoosh Island, Wash.	8	19	15	29	s. 52 w.	18
Rochester, N. Y.	14	15	13	28	s. 86 w.	15	Portland, Oreg.	28	16	9	30	n. 60 w.	24
Erie, Pa.	17	19	13	22	s. 77 w.	9	Roseburg, Oreg.	40	7	13	16	n. 5 w.	33
Cleveland, Ohio	18	22	29	16	s. 60 e.	8	<i>Middle Pacific Coast Region.</i>						
Sandusky, Ohio	12	17	25	15	s. 63 e.	11	Eureka, Cal.	25	15	5	33	n. 70 w.	30
Toledo, Ohio	12	12	36	20	e.	6	Redbluff, Cal.	25	20	16	18	n. 22 w.	5
Detroit, Mich.	20	17	21	17	n. 53 e.	5	Sacramento, Cal.	12	32	15	23	s. 22 w.	22
<i>Upper Lake Region.</i>							San Francisco, Cal.	1	19	0	49	s. 70 w.	52
Alpena, Mich.	15	18	19	22	s. 45 w.	4	<i>South Pacific Coast Region.</i>						
Grand Haven, Mich.	15	15	16	27	w.	11	Fresno, Cal.	30	7	3	43	n. 60 w.	46
Marquette, Mich.	19	20	14	22	s. 83 w.	8	Los Angeles, Cal.	6	13	12	34	s. 72 w.	23
Port Huron, Mich.	26	22	16	6	n. 68 e.	11	San Diego, Cal.	14	19	3	38	s. 82 w.	35
Sault Ste. Marie, Mich.	10	14	23	26	s. 37 w.	5	San Luis Obispo, Cal.	18	19	6	26	s. 87 w.	20
Chicago, Ill.	20	30	21	15	e.	6							

* From observations at 8 p. m. only. † From observations at 8 a. m. only.

TABLE X.—Thunderstorms and auroras, June, 1896.

States.	No. of stations.	Days																															Total.		T. A.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No.	Days.			
Alabama.....	56	T.	3	3	4	1	4	2	.....	2	2	.....	1	.....	6	1	1	4	4	5	8	5	5	5	2	2	3	2	9	2	1	.....	87	26	T.
Arizona.....	49	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	5	5	3	2	.....	.....	3	7	3	2	3	2	6	.....	45	13	T.	
Arkansas.....	51	T.	6	5	.....	3	4	1	3	.....	.....	.....	.....	.....	1	2	1	.....	1	1	6	4	4	7	3	5	4	5	.....	.....	.....	66	19	T.	
California.....	202	T.	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	2	1	.....	1	1	1	.....	15	11	T.	
Colorado.....	80	T.	4	.....	5	7	2	.....	2	4	4	1	.....	2	10	11	5	11	8	8	6	10	13	13	10	5	4	4	8	6	8	.....	171	26	T.
Connecticut.....	18	T.	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	1	.....	.....	.....	.....	.....	.....	20	2	T.	
Delaware.....	6	T.	.....	.....	1	1	.....	3	3	4	1	.....	.....	1	.....	.....	2	.....	1	.....	2	1	.....	.....	.....	.....	.....	1	.....	.....	19	10	T.		
Dist. of Columbia	4	T.	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6	T.	
Florida.....	38	T.	2	3	8	8	3	2	1	5	8	12	6	6	1	2	8	8	7	8	3	4	5	4	7	1	6	9	8	10	5	160	29	T.	
Georgia.....	44	T.	7	.....	1	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	2	3	2	4	1	3	2	2	2	2	1	.....	2	2	1	.....	41	13	T.
Idaho.....	38	T.	8	5	4	2	4	1	.....	1	2	1	.....	2	.....	1	7	7	8	4	1	5	4	1	.....	3	4	2	1	8	5	.....	91	25	T.
Illinois.....	100	T.	4	5	4	1	3	16	20	15	3	1	.....	5	2	1	10	11	14	.....	16	18	7	8	6	6	15	4	10	5	.....	210	26	T.	
Indiana.....	41	T.	.....	.....	10	5	1	2	5	10	4	.....	1	1	6	1	10	2	2	.....	2	4	8	4	7	.....	8	1	.....	.....	.....	94	21	T.	
Indian Territory.	9	T.	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	T.	
Iowa.....	101	T.	3	2	1	16	14	14	10	.....	.....	1	1	.....	3	5	6	5	5	13	12	9	8	10	12	14	.....	17	1	1	1	.....	184	25	T.
Kansas.....	90	T.	1	.....	3	8	4	4	6	.....	1	.....	8	.....	5	4	8	4	3	4	12	10	14	10	12	13	4	3	.....	2	2	.....	145	24	T.
Kentucky.....	46	T.	4	.....	4	.....	2	1	8	4	.....	.....	1	.....	2	2	5	.....	.....	1	2	3	6	2	1	4	6	1	.....	.....	.....	59	19	T.	
Louisiana.....	46	T.	5	6	2	3	1	10	7	2	5	5	.....	.....	.....	1	10	5	3	11	8	4	6	7	5	2	.....	3	13	8	.....	132	24	T.	
Maine.....	17	T.	.....	.....	4	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	7	T.	
Maryland.....	42	T.	.....	.....	.....	1	2	8	12	13	1	.....	.....	6	1	.....	9	7	3	3	.....	6	5	.....	1	.....	9	1	6	.....	.....	.....	94	18	T.
Massachusetts...	82	T.	.....	.....	.....	.....	.....	1	6	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	20	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	5	T.
Michigan.....	79	T.	.....	1	2	18	15	29	7	1	.....	2	.....	2	1	7	3	.....	1	2	9	8	8	.....	1	18	.....	4	.....	.....	.....	137	19	T.	
Minnesota.....	74	T.	.....	.....	12	13	23	9	1	.....	2	.....	.....	.....	7	2	1	14	4	4	.....	2	15	18	3	.....	18	.....	1	1	.....	150	19	T.	
Mississippi.....	47	T.	8	4	1	2	3	4	1	10	1	2	8	5	7	5	10	6	2	4	9	2	4	5	8	2	113	24	T.	
Missouri.....	103	T.	20	7	4	5	2	22	30	14	1	2	1	1	21	3	13	3	5	9	26	23	8	12	24	16	10	2	293	26	T.	
Montana.....	43	T.	5	4	2	.....	2	2	.....	1	2	1	1	4	2	2	.....	2	4	1	3	6	3	3	2	.....	1	.....	1	3	4	.....	61	24	T.
Nebraska.....	130	T.	.....	4	8	8	13	1	.....	1	3	.....	.....	.....	.....	9	2	12	13	8	5	12	5	14	4	.....	5	1	5	3	.....	136	21	T.	
Nevada.....	50	T.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	1	.....	.....	.....	1	3	1	4	4	2	.....	.....	.....	.....	.....	.....	20	10	T.
New Hampshire.	23	T.	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	4	T.
New Jersey.....	51	T.	1	1	1	1	1	1	20	16	7	2	9	3	3	22	2	4	1	8	1	107	17	T.	
New Mexico.....	37	T.	1	2	3	1	1	2	1	3	3	2	2	3	3	2	3	2	3	3	6	5	2	4	57	21	T.	
New York.....	95	T.	.....	.....	2	5	8	10	13	9	3	1	.....	.....	3	.....	10	11	1	1	.....	13	.....	.....	2	1	1	7	1	.....	.....	.....	102	19	T.
North Carolina..	60	T.	9	2	2	.....	3	1	9	20	2	.....	.....	12	1	.....	9	14	17	14	6	10	15	16	14	14	8	4	13	3	1	.....	219	25	T.
North Dakota...	40	T.	.....	3	4	.....	2	.....	.....	3	.....	.....	.....	2	4	4	6	3	7	.....	1	4	1	4	1	1	2	1	1	.....	.....	.....	54	19	T.
Ohio.....	137	T.	1	24	12	33	39	43	40	19	.....	.....	13	34	1	29	10	2	2	1	23	35	7	11	16	17	8	1	3	.....	.....	.....	424	25	T.
Oklahoma.....	23	T.	.....	.....	.....	.....	4	1	.....	.....	4	.....	.....	.....	.....	4	1	.....	.....	.....	5	4	4	.....	3	2	1	.....	.....	.....	.....	.....	34	12	T.
Oregon.....	60	T.	1	1	1	1	1	3	3	6	6	2	24	10	T.	
Pennsylvania....	96	T.	3	4	5	5	12	24	11	3	5	1	12	12	2	1	7	21	1	1	3	1	2	10	2	148	23	T.	
Rhode Island....	8	T.	1	2	2	T.	
South Carolina..	40	T.	13	6	3	14	2	2	3	4	10	6	5	4	5	7	2	5	3	5	3	3	105	20	T.	
South Dakota....	44	T.	2	6	3	11	1	1	1	4	3	2	3	2	4	3	3	4	1	4	4	5	1	2	1	1	1	2	75	26	T.
Tennessee.....	51	T.	11	1	1	1	2	7	13	13	2	1	5	9	1	2	6	1	5	3	3	7	5	100	22	T.	
Texas.....	88	T.	1	4	.....	3	.....	.....	7	8	8	2	2	.....	.....	1	4	3	3	4	1	.....	5	3	.....	1	4	5	3	.....	.....	.....	72	20	T.
Utah.....	38	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	2	2	.....	2	1	3	6	5	1	2	2	3	5	.....	.....	.....	37	14	T.
Vermont.....	16	T.	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	9	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	18	6	T.
Virginia.....	43	T.	1	.....	.....	2	7	10	8	9	.....	.....	1	2	1	2	10	9	10	5	2	8	9	2	1	4	8	1	5	.....	.....	.....	118	24	T.
Washington.....	54	T.	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	7	1	16	6	1	.....	.....	.....	34	8	T.
West Virginia...	40	T.	.....	5	1	4	6	3	9	4	2	1	2	4	3	5	9	6	3	1	2	3	7	4	8	4	3	2	1	.....	.....	.....	102	26	T.
Wisconsin.....	58	T.	1	1	14	20	17	2	1	1	1	15	9	8	16	15	3	6	13	7	1	13	4	1	168	21	T.
Wyoming.....	12	T.	1	1	1	1	6	6	T.	
Sums.....	2,799	T.	115	64	93	112	163	243	245	229	200	69	45	89	96	87	137	172	213	160	179	304	336	193	180	220	206	146	151	154	98	68	4,622	T.	
		A.	2	2	1	2	5	1	0	1	4	3	4	1	0	0	1	1	3	0	0	0	1	0	0	0	0	1	0	3	8	1	45	A.	

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, June, 1896.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.																Monthly summary.				
		A. M.								P. M.								Instrumental record.		Personal estimate.		
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.			
Atlanta, Ga.	T.	33	43	70	88	95	96	96	96	95	86	80	88	79	63	34	21	335.9	431.5	78	60	
Baltimore, Md.	T.	40	39	39	41	46	53	55	52	66	59	49	49	38	31	27	26	199.6	445.9	45	37	
Bismarck, N. Dak.	P.	63	66	70	76	73	74	75	78	73	72	71	75	61	51	47	47	319.3	475.6	67	60	
Boston, Mass.	T.	40	42	47	50	59	61	65	71	72	69	67	59	49	53	57	39	260.1	456.2	57	52	
Buffalo, N. Y.*	T.	55	63	71	81	94	97	97	96	95	95	88	87	81	70	57	57	382.9	456.2	84	63	
Chicago, Ill.	T.	53	53	58	74	84	89	92	92	93	99	96	90	83	84	73	62	363.1	445.9	81	57	
Cincinnati, Ohio	P.	33	30	51	60	66	69	60	64	72	80	81	86	74	69	51	47	288.8	456.2	63	50	
Cleveland, Ohio	T.	20	21	38	55	64	76	75	58	57	70	69	70	63	46	28	26	243.4	449.0	54	44	
Denver, Colo.	P.	73	75	84	87	92	93	91	78	50	55	52	54	50	49	31	25	299.1	449.0	67	50	
Des Moines, Iowa	T.	40	40	41	51	59	70	74	78	75	71	64	58	56	60	64	67	277.5	456.2	61	39	
Detroit, Mich.	T.	40	40	57	67	74	83	82	84	91	91	86	80	73	61	48	45	320.2	456.2	70	61	
Dodge City, Kans.	P.	64	67	76	82	87	87	85	88	80	88	88	80	83	61	41	33	341.8	443.1	80	64	
Dubuque, Iowa	T.	19	22	51	72	82	92	92	96	94	91	88	84	79	78	66	51	45	325.4	456.2	71	45
Eastport, Me.	P.	29	41	63	63	73	75	70	67	65	67	69	67	57	51	42	41	277.7	466.7	60	45	
Eureka, Cal.	P.	20	22	23	36	54	63	63	63	77	78	73	73	75	75	66	30	261.4	451.9	58	37	
Galveston, Tex.	P.	50	50	82	91	94	95	98	95	99	99	99	94	90	85	63	50	369.3	419.0	88	82	
Helena, Mont.	P.	73	77	81	88	84	84	81	72	61	61	65	63	63	61	60	58	337.5	475.6	71	68	
Kansas City, Mo.	P.	34	32	46	47	54	56	56	55	61	70	69	70	66	54	46	46	251.0	445.9	56	46	
Little Rock, Ark.	T.	57	57	63	81	86	86	91	90	90	83	84	81	78	73	53	46	336.3	434.3	77	48	
Louisville, Ky.	T.	60	60	65	61	75	81	87	78	87	85	82	78	72	61	50	61	323.2	443.1	73	45	
Minneapolis, Minn.	T.	60	66	73	80	82	85	88	88	85	73	70	71	69	67	62	43	342.4	466.7	73	.....
New Orleans, La.	T.	33	37	57	67	67	82	84	74	79	76	69	58	56	48	16	12	262.1	420.9	62	62	
New York, N. Y.	T.	28	33	42	56	60	66	62	64	67	70	61	58	54	40	26	21	232.6	451.9	51	50	
Northfield, Vt.	P.	16	30	50	57	64	64	57	56	52	60	57	59	60	41	40	39	236.5	463.5	51	37	
Philadelphia, Pa.	T.	47	47	60	64	67	73	79	80	78	79	83	78	66	59	42	37	298.6	449.0	67	37	
Phoenix, Ariz.	P.	96	97	97	100	100	100	100	100	100	100	100	97	94	94	94	100	420.5	424.7	98	87	
Portland, Me.	T.	6	24	58	68	71	73	74	79	81	76	83	77	65	63	25	0	297.2	463.5	60	38	
Portland, Oreg.	T.	47	44	45	40	52	60	66	69	71	75	74	79	69	61	60	62	287.0	471.7	61	61	
Do.	P.	47	48	50	47	56	59	62	67	69	72	72	80	74	71	61	62	294.7	471.7	62	61	
Rochester, N. Y.	T.	58	61	67	76	84	87	77	73	85	80	76	73	81	74	63	60	342.2	459.9	74	67	
St. Louis, Mo.	T.	53	53	59	65	67	70	79	83	90	85	83	85	76	65	53	40	317.4	445.9	71	49	
Salt Lake City, Utah.	P.	70	75	83	88	93	93	92	94	93	89	83	86	75	73	60	56	373.4	451.9	83	49	
San Diego, Cal.	P.	11	10	14	30	52	62	74	75	74	81	85	84	80	86	60	60	258.0	423.7	60	58	
San Francisco, Cal.	T.	28	41	55	66	77	92	91	94	94	97	97	94	83	74	65	35	343.3	443.1	77	70	
Santa Fe, N. Mex.	P.	71	75	93	95	94	86	88	85	80	82	82	80	76	61	46	31	345.6	437.2	79	64	
Savannah, Ga.	P.	36	44	61	64	70	71	72	73	65	63	58	47	51	44	30	28	245.9	425.8	58	58	
Vicksburg, Miss.	T.	27	32	43	63	87	93	95	93	95	92	86	88	81	74	64	55	328.4	425.8	77	70	
Washington, D. C.	P.	30	33	45	49	56	60	58	61	62	61	67	51	51	38	34	35	226.3	445.9	51	44	
Wilmington, N. C.	T.	3	4	11	54	60	70	72	74	76	72	63	55	47	25	10	10	208.9	431.5	48	38	

* Record incomplete.

TABLE XII.—Maximum rainfall in one hour or less, June, 1896.

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
	Inch.		Inch.		Inch.	
Atlanta, Ga.	0.19	19	0.36	19	0.58	19
Baltimore, Md.	0.35	16	0.55	16	0.93	8
Bismarck, N. Dak.	0.18	6	0.23	6	0.42	6
Boston, Mass.	0.15	9	0.18	9	0.22	9
Buffalo, N. Y.	0.30	7	0.36	7	0.28	26
Chicago, Ill.	0.39	20	0.36	20	0.40	19
Cincinnati, Ohio	0.31	23	0.34	23	0.47	23
Cleveland, Ohio	0.30	8	0.47	8	1.77	8
Denver, Colo.	0.14	24	0.16	24	0.19	24
Detroit, Mich.	0.40	25	0.70	25	1.19	25
Dodge City, Kans.	0.26	21	0.45	21	0.85	21
Duluth, Minn.	0.15	27	0.25	27	0.42	27
Eastport, Me.	0.15	21	0.16	21	0.31	21
Galveston, Tex.	0.18	10	0.26	10	0.31	10
Indianapolis, Ind.	0.15	23	0.22	23	0.70	15
Jacksonville, Fla.	0.45	4	0.82	4	1.99	4
Jupiter, Fla.	0.31	9	0.45	9	1.05	18
Kansas City, Mo.	0.08	21	0.11	21	0.33	21
Key West, Fla.	0.29	6	0.36	6	0.47	11
Little Rock, Ark.	0.25	2	0.50	2	1.11	2
Louisville, Ky.	0.55	23	1.00	23	1.37	23
Memphis, Tenn.	0.27	27	0.45	27	0.49	9

TABLE XII.—Maximum rainfall—Continued.

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
	Inch.		Inch.		Inch.	
Milwaukee, Wis.	0.15	7	0.16	7	0.26	7
Nantucket, Mass.	0.15	28	0.17	28	0.31	28
Nashville, Tenn.	0.11	1	0.15	1	0.28	1
New Orleans, La.	0.21	21	0.35	21	1.14	21
New York, N. Y.	0.19	10	0.31	10	0.56	17
Norfolk, Va.	0.49	9	0.65	9	1.45	9
Omaha, Neb.	0.40	5	0.52	5	0.64	5
Philadelphia, Pa.	0.10	28	0.13	28	0.37	9
Portland, Me.	0.10	21	0.19	21	0.50	21
Portland, Oreg.	0.19	9	0.22	9	0.24	9
Rochester, N. Y.	0.26	15	0.45	15	0.65	9
St. Louis, Mo.	0.40	21	0.55	21	0.58	21
St. Paul, Minn.	0.28	24	0.38	24	0.78	6
Salt Lake City, Utah.	.....	.....	0.02	5	0.09	5
San Diego, Cal.*	.....	.....	.....	.....	.....	.....
San Francisco, Cal.*	.....	.....	.....	.....	.....	.....
Savannah, Ga.	0.34	28	0.55	28	0.70	28
Seattle, Wash.	0.01	9	0.02	9	0.07	9
Vicksburg, Miss.	0.35	22	0.66	22	1.15	6
Washington, D. C.	0.16	28	0.24	28	0.37	9
Wilmington, N. C.	0.25	24	0.36	24	0.96	25

* Less than 0.05 inch in one hour.

TABLE XIII.—Excessive precipitation, by stations, for June, 1896.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
<i>Alabama.</i>						
Brewton	11.00	3.50	4-5			
Daphne	13.15	3.20	5			
Evergreen	3.10	3.10	7-8			
Greensboro	3.55	18-19				
Madison Station	2.53	8-9				
Montgomery	2.63	19	1.15	0 35	19	
Selma	4.40	20	2.00	2 00	19	
Union	10.19	3.43	2			
Union Springs		4.40	20			
Uniontown		3.38	2			
<i>Arkansas.</i>						
Fulton				1.45	1 00	3
Jonesboro				1.12	1 00	24
Little Rock				1.11	1 00	22
Osceola				1.21	1 00	27
Rison				1.66	1 10	23
Stuttgart		2.69	23			
<i>Colorado.</i>						
Longmont		4.62	30	4.62	1 30	30
<i>Connecticut.</i>						
Middletown		2.50	14			
<i>Florida.</i>						
Archer	14.46	4.10	3			
Do		2.90	11			
Brooksville	11.94	3.51	19	3.51	3 30	19
Carrabelle		4.40	2-3			
Earnestville	17.92	3.30	19	1.02	0 20	26
Do		4.03	27			
Emerson	15.40	2.78	3			
Do		3.98	11			
Federal Point		2.65	10-11			
Fort Meade	13.30					
Frostproof	11.04					
Gainesville	11.14	3.05	4			
Do		2.86	12			
Jacksonville		3.07	3-4	1.09	1 00	4
Do				1.16	1 00	19
Jupiter				1.05	1 00	18
Kissimmee	12.57	2.57	13			
Lake Butler		3.41	3			
Do		2.50	19			
Lake City	10.36	2.70	10-11			
Lemon City	13.55	4.50	13-14			
Macleenny	10.12	2.78	12			
Merritts Island	10.45					
Milton	14.03					
Mullet Key	10.02	3.40	28			
Myers	20.90	3.70	13	1.71	1 00	16
Ocala	12.98	3.52	3-4			
Orange City	10.96	7.53	3-4			
Orange Park		2.78	11			
Orlando	11.18					
Oxford				1.50	1 00	16
Do				1.60	1 30	26
Pensacola	12.46	2.99	2-3			
Plant City	16.44	2.71	4			
Do		2.51	10-11			
Do		2.97	12-13	1.65	1 15	21
Quincy	13.02					
Tallahassee	10.17					
Tampa	13.42	2.71	2-3			
Do		4.55	28-29			
Tarpon Springs		2.90	28			
<i>Georgia.</i>						
Camak				2.07	1 30	1
Morgan		2.80	8			
<i>Illinois.</i>						
Albion		3.42	22-23			
Carlinville		3.20	7	3.20	1 10	7
Charleston				1.45	1 16	20
Chester		2.80	22-23			
Friend Grove		2.56	23-24			
Laharpe				1.15	1 00	24
Mount Pulaski		3.36	8			
Palestine				1.70	1 00	24
Rantoul		2.72	7			
Springfield		4.03	7-8	1.57	1 00	7
Walnut				1.33	1 00	20
<i>Indiana.</i>						
Edwardsville		2.81	23			
Evansville		3.10	26-27	2.00	0 48	26
Jasper				1.25	1 00	27
Laconia				1.50	1 00	27
Madison		3.53	22			
Rockville				1.88	1 00	15
Scottsburg		3.16	23			
Valparaiso		2.68	7			
Vincennes		3.25	23			
Washington		2.75	23			
<i>Indian Territory.</i>						
Tulsa		2.80	26			
<i>Iowa.</i>						
Adair				1.00	0 40	6
Alta		3.45	23	3.45	2 45	23
Atlantic		3.06	22	3.06	1 30	22
Dubuque				1.20	0 32	20
Grundy Center				1.20	1 10	24
Iowa Falls		2.99	24-25			
Logan		4.91	5			
Malvern				1.06	0 30	21

TABLE XIII.—Excessive precipitation—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
<i>Iowa—Continued.</i>						
Mason City		4.00	17-18			
Osceola				1.55	1 30	15
Rock Rapids		3.41	6			
Washington				1.08	1 00	7
Waverly		2.78	19			
Winterset		2.80	15			
<i>Kansas.</i>						
Abilene		5.75	4-5			
Assaria		4.00	4			
Augusta		3.00	7-8			
Colby				1.45	1 05	18
Do				1.38	0 40	24
Columbus		4.04	26-27			
Eureka		2.65	7			
Marion		3.25	21			
Oberlin				1.77	1 00	25
Russell				2.95	1 30	6
Do				1.20	1 00	16
Salina		5.48	4			
Wakefield				2.28	1 05	20
Wellington		2.50	20-21			
Wichita				1.20	0 32	7
<i>Kentucky.</i>						
Alpha				1.00	0 20	1
Do				1.15	0 30	28
Auchorage		2.50	23	1.10	1 00	8
Blandville	11.22	4.28	15-16			
Do		3.37	26			
Caddo		3.20	8			
Carrollton		2.57	23-24			
Falmouth				1.40	0 55	6
Frankfort				1.20	0 15	27
Henderson				2.45	2 15	27
Hopkinsville				2.43	3 00	1
Louisville		2.87	22-23	1.37	0 36	23
Mount Sterling				1.45	0 40	6
Pryorsburg		2.50	14-15			
<i>Louisiana.</i>						
Abbeville		2.50	22-23			
Baton Rouge		3.14	7			
Cameron				1.10	0 50	10
Clinton				1.42	0 55	29
Covington		3.17	7	1.05	0 35	11
Donaldsonville		3.13	7			
Emilie	12.18	6.35	6			
Grand Coteau		3.30	6			
Hammond				1.80	1 00	10
Farmerville		2.93	22-23			
Liberty Hill				1.26	1 00	21
Mansfield				1.28	0 30	6
Do				1.50	0 45	21
Maurepas		3.98	6			
New Iberia		3.40	23	2.10	0 45	21
New Orleans				1.14	1 00	21
Paincourtville	10.94	3.21	23			
Rayne		5.20	6			
Schriever	10.64	4.30	23-24			
Southern University		2.50	23			
Sugar Experiment Station		11.04	23			
Thibodeaux		3.78	23			
Wallace	12.84	6.05	6			
West End		2.80	23			
<i>Maryland.</i>						
Frederick				1.05	1 00	8
Laurel				1.00	1 00	28
Princess Anne				1.30	1 00	22
Sharpsburg				1.08	0 48	8
<i>Michigan.</i>						
Alma		2.90	7			
Battle Creek		3.04	7-8			
Berlin				1.18	1 00	7
Detroit				1.10	0 50	25
Fitchburg				1.01	1 00	25
Hanover		3.60	7-8	1.00	0 15	20
Harrisville				2.38	1 00	5
Mackinaw City		3.00	8			
North Marshall		3.20	7-8			
Olivet		2.51	7			
<i>Minnesota.</i>						
Albert Lea		2.60	24			
Bird Island		3.86	6			
Camden		3.20	6			
Clear Lake		2.65	23			
Dawson		3.00	6			
Detroit City		4.00	5			
Fergus Falls		4.60	5			
Grand Portage				1.08	1 00	17
Granite Falls		2.87	6			
Lakeside		2.80	6			
Lesueur		3.88	6	1.60	1 30	24
Luverne		6.51	6			
Montevideo		2.65	6			
New Ulm		2.75	6	1.01	1 00	24
St. Charles				1.93	1 00	24
St. Olaf				1.30	0 50	4
<i>Mississippi.</i>						
Batesville		3.25	2			
Crystal Springs		3.00	2			
French Camp				2.12	2 00	24
Hazlehurst	10.21	5.07	21			

TABLE XIII.—Excessive precipitation—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
<i>Mississippi—Continued.</i>						
Itta Bena				1.49	1 00	16
Louisville				1.00	1 00	16
Meridian				1.75	1 00	6
Vicksburg				1.15	1 00	6
Waynesboro		2.90	3			
<i>Missouri.</i>						
Arlington				1.56	1 10	23
Darksville				2.10	2 00	
Eldon				1.71	1 00	25
Gayoso		2.95	19	2.95	2 00	19
Halfway		3.05				
Do		2.89	25-27			
Hastain		2.96	25	2.40	1 30	25
Do		2.80	25-27	2.83	0 50	25
Houston		3.21	22-23	1.10	1 00	8
Lebanon		5.50	2-3			
Liberty		3.43	1	3.43	3 00	1
McCune		2.50				
Mexico		5.60		5.60	4 25	7
Neosho		4.30	26-27	4.30	3 00	26
Do		2.63	26-27	1.36	1 00	27
Nevada				2.00	2 00	7
New Madrid						
Shelbina						
<i>Montana.</i>						
Fort Custer		2.50	13-14			
Do		2.50	25			
Wibaux		2.82	6-7			
<i>Nebraska.</i>						
Albion		3.51	6			
Arapaho		2.60	21	2.60	1 10	21
Do		2.65	29			
Arcadia		4.55	5			
Ashton		3.80	5			
Beaver City		2.73	29			
Bluehill		4.85	24	1.25	1 00	22
Creighton		2.99	6			
Elba		5.00	5			
Ericson		2.70	6			
Greely Center		16.17	12.00	5		
Hastings				1.04	1 00	23
Loup		11.78	10.05	5		
North Loup			5.97	5	5.97	4 00
Oakdale				1.20	1 00	20
Odell			3.31	24-25		
O'Neill			3.15	6-7		
Ord			4.55	6		
Sutton				1.22	1 15	20
Tekamah				1.35	1 00	6
Thedford				1.70	1 00	5
Do				1.70	1 05	19
Wakefield				1.84	1 00	4
Do				2.36	1 00	6
<i>New Jersey.</i>						
Billingsport		2.62	14			
Bridgeton		2.72	13-14			
Camden		2.50	14			
Egg Harbor City		3.86	13-14			
Linwood	18.07	9.72	13-14			
Millville		2.59	13-14			
Ocean City	18.45	10.40	13-14			
Perth Amboy		2.83	14			
Vineyard		4.20	13-14			
Woodbine		3.35	14			
<i>New York.</i>						
Bloomville				1.00	0 30	11
Brooklyn		2.86	14			
Cooperstown		2.68	8			
New York		2.59	13-14			
Oxford				1.00	1 00	8
Palermo				1.00	0 55	28
Setauket		2.74	14			
South Canistota		2.62	9-10	1.22	0 10	9
Wedgwood		3.45	16-17			
Willettspoint				1.01	1 00	10
<i>North Carolina.</i>						
Greensboro		2.74	3-4			
Monroe		2.64	24	1.38	1 15	9
Oakridge	10.08					
Pantego	11.57	3.53	19	3.53	2 00	19
Do		4.96	23	4.36	2 00	23
Pittsboro		2.75	13			
Roxboro				1.63	1 00	18
Salem		2.52	3			
Saxon				1.12	1 00	28
Settle				1.37	1 00	23
Willeyton	10.18					
<i>North Dakota.</i>						
Buxton		3.59	4			
Medora		2.65	7	1.00	1 00	20
Sheyenne				1.00	1 00	4
Wahpeton		3.65	4	3.65	1 00	4

TABLE XIII.—Excessive precipitation—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
<i>Ohio.</i>						
Akron		3.60	7			
Auburn				1.35	0 15	7
Bement				2.05	1 00	
Bissell				2.31	1 40	7
Canfield		3.80	7-8	2.50	1 10	7
Canton		3.77	6	1.11	1 00	9
Cleveland		3.10	7-8	1.77	1 00	24
Hudson		2.63	6	1.01	1 00	8
New Waterford		3.16	7-8			
Sandusky				1.10	1 00	7
Sharon Center				1.27	0 30	21
Strongsville				2.10	1 10	7
Urbana				1.15	1 10	6
Vickery				1.10	0 15	7
Walnut				1.30	1 00	5
Warren	10.78					
<i>Oklahoma.</i>						
Arapaho		3.74	25-26			
Enid		2.50	21			
Stillwater		3.96	25-26			
Winnview		2.60	25-26			
Woodward		3.00	25-26			
<i>Pennsylvania.</i>						
Driftwood		3.33	24			
Duncannon				1.35	1 00	21
East Mauch Chunk				1.02	0 37	17
Girardville				1.01	1 00	21
Greensboro				1.00	0 20	17
Indiana		5.20	24			
Johnstown				1.40	1 05	16
Philadelphia		2.58	13-14			
Renovo				1.96	1 10	6
Ridgway		2.75	24-25			
St. Marys		2.70	24			
West Chester		2.63	17	2.60	0 50	17
<i>South Carolina.</i>						
Anderson				1.00	1 00	23
Cheraw		2.65	23-24			
Darlington (near)		4.50	24	4.50	3 30	24
Gillisonville				1.50	1 15	18
Kingstree		3.18	3-4			
Do		2.76	10			
Little Mountain				1.00	0 40	9
Longshore				1.26	0 45	1
St. George	10.45			1.60	1 30	10
Trial		2.80	3-4			
<i>South Dakota.</i>						
Alexandria		2.62	5-6			
Canton		4.45	6			
Castlewood		2.86	6			
Cross		5.17	6	4.00	2 00	6
Farmingdale		3.38	6			
Flandreau		3.45	6			
Forestburg		3.75	6			
Greenwood		3.04	6			
Huron		3.60	5-6	1.10	0 50	6
Kimball		3.05	6			
Silver City		3.06	5-6			
Sioux Falls		4.13	6			
Tyndall		3.00	6			
Wessington Springs		5.37	6	1.75	0 15	6
<i>Tennessee.</i>						
Benton (near)		2.87	9			
Brownsville		3.50	27-28			
Decatur		2.70	8-9			
Elk Valley				2.10	2 00	*
Knoxville				1.25	1 00	9
Nunnally				1.15	0 50	8
Riddleton				1.14	0 20	27
Savannah				1.15	0 30	23
Union City		3.02	†			
<i>Texas.</i>						
Beeville				1.05	0 50	12
Durham				1.01	1 00	29
Fort Ringgold		3.50	12			
Graham				2.00	1 00	30
Lufkin				1.78	0 45	29
Stafford				2.15	2 00	2
<i>Virginia.</i>						
Callaville				1.55	1 30	28
Norfolk		2.54	9	1.45	1 00	9
Do				1.09	1 00	17
Do				1.28	1 00	22
Warsaw				1.98	0 30	18
<i>West Virginia.</i>						
Martinsburg				1.24	1 00	6
Monarch		3.90	24			
Spencer				1.40	1 00	8
<i>Wisconsin.</i>						
Eau Claire		2.80	6			
Grantsburg				1.65	1 30	27
Osceola		2.90	23	2.90	2 30	23

* May 31. † May 31 to June 1.